

# Stuart A Batterman

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

208 papers	6,315 citations	45 h-index	67 g-index
218 ext. papers	7,284 ext. citations	6.2 avg, IF	6.26 L-index

#	Paper	IF	Citations
208	Be alert for vapor intrusion of 1,4-dioxane from contaminated groundwater.. <i>Science of the Total Environment</i> , <b>2022</b> , 153713	10.2	0
207	Occupational exposures to particulate matter and PM-associated polycyclic aromatic hydrocarbons at the Agbogbloshie waste recycling site in Ghana.. <i>Environment International</i> , <b>2022</b> , 158, 106971	12.9	1
206	Health risk assessment of exposure to organochlorine pesticides in the general population in Seoul, Korea over 12 years: A cross-sectional epidemiological study. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 424, 127381	12.8	2
205	Personal exposure to particulate matter and heart rate variability among informal electronic waste workers at Agbogbloshie: a longitudinal study. <i>BMC Public Health</i> , <b>2021</b> , 21, 2161	4.1	1
204	Global DNA (LINE-1) methylation is associated with lead exposure and certain job tasks performed by electronic waste workers. <i>International Archives of Occupational and Environmental Health</i> , <b>2021</b> , 94, 1931-1944	3.2	2
203	A community noise survey in Southwest Detroit and the value of supplemental metrics for truck noise. <i>Environmental Research</i> , <b>2021</b> , 197, 111064	7.9	0
202	Occupational exposure and health risks of volatile organic compounds of hotel housekeepers: Field measurements of exposure and health risks. <i>Indoor Air</i> , <b>2021</b> , 31, 26-39	5.4	11
201	Opportunities and challenges in reducing personal inhalation exposure to air pollution among electronic waste recovery workers in Ghana. <i>American Journal of Industrial Medicine</i> , <b>2021</b> , 64, 381-397	2.7	0
200	Association between global DNA methylation (LINE-1) and occupational particulate matter exposure among informal electronic-waste recyclers in Ghana. <i>International Journal of Environmental Health Research</i> , <b>2021</b> , 1-19	3.6	0
199	Airborne volatile organic compounds at an e-waste site in Ghana: Source apportionment, exposure and health risks. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 419, 126353	12.8	1
198	Associations of Perfluoroalkyl Substances with Incident Natural Menopause: The Study of Women's Health Across the Nation. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	16
197	Effect of Particulate Matter Exposure on Respiratory Health of e-Waste Workers at Agbogbloshie, Accra, Ghana. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	20
196	Time series analysis of total and direct associations between high temperatures and preterm births in Detroit, Michigan. <i>BMJ Open</i> , <b>2020</b> , 10, e032476	3	5
195	Pollen production for 13 urban North American tree species: Allometric equations for tree trunk diameter and crown area. <i>Aerobiologia</i> , <b>2020</b> , 36, 401-415	2.4	3
194	Longitudinal trends in perfluoroalkyl and polyfluoroalkyl substances among multiethnic midlife women from 1999 to 2011: The Study of Women's Health Across the Nation. <i>Environment International</i> , <b>2020</b> , 135, 105381	12.9	32
193	Volatile organic compounds in feminine hygiene products sold in the US market: A survey of products and health risks. <i>Environment International</i> , <b>2020</b> , 144, 105740	12.9	7
192	Spatiotemporal variations in traffic activity and their influence on air pollution levels in communities near highways. <i>Atmospheric Environment</i> , <b>2020</b> , 242, 117758	5.3	6

191	Air Quality Impacts at an E-Waste Site in Ghana Using Flexible, Moderate-Cost and Quality-Assured Measurements. <i>GeoHealth</i> , <b>2020</b> , 4, e2020GH000247	5	11
190	Urban-scale variation in pollen concentrations: A single station is insufficient to characterize daily exposure. <i>Aerobiologia</i> , <b>2020</b> , 36, 417-431	2.4	8
189	Micronutrient-rich dietary intake is associated with a reduction in the effects of particulate matter on blood pressure among electronic waste recyclers at Agbogbloshie, Ghana. <i>BMC Public Health</i> , <b>2020</b> , 20, 1067	4.1	6
188	Evaluation of fuel consumption, pollutant emissions and well-to-wheel GHGs assessment from a vehicle operation fueled with bioethanol, gasoline and hydrogen. <i>Energy</i> , <b>2020</b> , 209, 118436	7.9	13
187	Urinary metal mixtures and longitudinal changes in glucose homeostasis: The Study of Women's Health Across the Nation (SWAN). <i>Environment International</i> , <b>2020</b> , 145, 106109	12.9	20
186	Demolition Activity and Elevated Blood Lead Levels among Children in Detroit, Michigan, 2014-2018. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	2
185	Improved Classification of Urban Trees Using a Widespread Multi-Temporal Aerial Image Dataset. <i>Remote Sensing</i> , <b>2020</b> , 12, 2475	5	4
184	Exposure to Volatile Organic Compounds and Use of Feminine Hygiene Products Among Reproductive-Aged Women in the United States. <i>Journal of Women's Health</i> , <b>2020</b> , 29, 65-73	3	8
183	Development of a mobile platform for monitoring gaseous, particulate, and greenhouse gas (GHG) pollutants. <i>Environmental Monitoring and Assessment</i> , <b>2020</b> , 193, 7	3.1	4
182	Enhancing Models and Measurements of Traffic-Related Air Pollutants for Health Studies Using Dispersion Modeling and Bayesian Data Fusion. <i>Research Report (Health Effects Institute)</i> , <b>2020</b> , 1-63	0.9	0
181	Nonstationary spatiotemporal Bayesian data fusion for pollutants in the near-road environment. <i>Environmetrics</i> , <b>2019</b> , 30, e2581	1.3	4
180	Urinary metals and metal mixtures in midlife women: The Study of Women's Health Across the Nation (SWAN). <i>International Journal of Hygiene and Environmental Health</i> , <b>2019</b> , 222, 778-789	6.9	23
179	Derivation of Time-Activity Data Using Wearable Cameras and Measures of Personal Inhalation Exposure among Workers at an Informal Electronic-Waste Recovery Site in Ghana. <i>Annals of Work Exposures and Health</i> , <b>2019</b> , 63, 829-841	2.4	18
178	Allergenic pollen production across a large city for common ragweed ( <i>A. theophrasti</i> ). <i>Landscape and Urban Planning</i> , <b>2019</b> , 190,	7.7	7
177	Evaluation of Changes in Lead Levels in Drinking Water Due to Replacement of Water Mains: A Comprehensive Study in Chicago, Illinois. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 8833-8844	10.3	4
176	High plasma concentrations of organic pollutants negatively impact survival in amyotrophic lateral sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2019</b> , 90, 907-912	5.5	22
175	Effect modifiers of lung function and daily air pollutant variability in a panel of schoolchildren. <i>Thorax</i> , <b>2019</b> , 74, 1055-1062	7.3	9
174	Absence of PCB Hot Spot Effect in Walleye Sander vitreus from Lower Green Bay of Lake Michigan. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2019</b> , 76, 442-452	3.2	1

173	Impact of community respiratory viral infections in urban children with asthma. <i>Annals of Allergy, Asthma and Immunology</i> , <b>2019</b> , 122, 175-183.e2	3.2	4
172	Effect of intra-urban temperature variation on tree flowering phenology, airborne pollen, and measurement error in epidemiological studies of allergenic pollen. <i>Science of the Total Environment</i> , <b>2019</b> , 653, 1213-1222	10.2	12
171	Environmental impacts of commuting modes in Lisbon: a life-cycle assessment addressing particulate matter impacts on health. <i>International Journal of Sustainable Transportation</i> , <b>2019</b> , 13, 652-663	3.6	4
170	VOC sources and exposures in nail salons: a pilot study in Michigan, USA. <i>International Archives of Occupational and Environmental Health</i> , <b>2019</b> , 92, 141-153	3.2	24
169	Air pollutant strategies to reduce adverse health impacts and health inequalities: a quantitative assessment for Detroit, Michigan. <i>Air Quality, Atmosphere and Health</i> , <b>2018</b> , 11, 409-422	5.6	8
168	Sensitivity analysis of the near-road dispersion model RLINE - an evaluation at Detroit, Michigan. <i>Atmospheric Environment</i> , <b>2018</b> , 181, 135-144	5.3	4
167	Operational evaluation of the RLINE dispersion model for studies of traffic-related air pollutants. <i>Atmospheric Environment</i> , <b>2018</b> , 182, 213-224	5.3	19
166	On-Road Chemical Transformation as an Important Mechanism of NO Formation. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 4574-4582	10.3	18
165	Distributions of PCB Congeners and Homologues in White Sucker and Coho Salmon from Lake Michigan. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 4393-4401	10.3	3
164	Intake fraction estimates for on-road fine particulate matter (PM <sub>2.5</sub> ) emissions: Exploring spatial variation of emissions and population distribution in Lisbon, Portugal. <i>Atmospheric Environment</i> , <b>2018</b> , 190, 284-293	5.3	1
163	Effectiveness of Using Enhanced Filters in Schools and Homes to Reduce Indoor Exposures to PM from Outdoor Sources and Subsequent Health Benefits for Children with Asthma. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 10767-10776	10.3	13
162	Acute respiratory symptoms associated with short term fluctuations in ambient pollutants among schoolchildren in Durban, South Africa. <i>Environmental Pollution</i> , <b>2018</b> , 233, 529-539	9.3	22
161	Influence of viral infection on the relationships between airway cytokines and lung function in asthmatic children. <i>Respiratory Research</i> , <b>2018</b> , 19, 228	7.3	6
160	Interaction between ambient pollutant exposure, CD14 (-159) polymorphism and respiratory outcomes among children in Kwazulu-Natal, Durban. <i>Human and Experimental Toxicology</i> , <b>2017</b> , 36, 238-246	3.4	8
159	Ventilation rates in recently constructed U.S. school classrooms. <i>Indoor Air</i> , <b>2017</b> , 27, 880-890	5.4	37
158	Experimental and modeling study of visible light responsive photocatalytic oxidation (PCO) materials for toluene degradation. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 216, 122-132	21.8	63
157	Spatiotemporal characteristics of PM and PM at urban and corresponding background sites in 23 cities in China. <i>Science of the Total Environment</i> , <b>2017</b> , 599-600, 2074-2084	10.2	54
156	Use of Medicaid and housing data may help target areas of high asthma prevalence. <i>Journal of Asthma</i> , <b>2017</b> , 54, 230-238	1.9	1

155	Incorrect Data Used in Statistical Analyses. <i>JAMA Neurology</i> , <b>2017</b> , 74, 611-612	17.2	
154	Review and Extension of CO <sub>2</sub> -Based Methods to Determine Ventilation Rates with Application to School Classrooms. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	72
153	Volatile Organic Compounds (VOCs) in Conventional and High Performance School Buildings in the U.S. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	40
152	Disease and Health Inequalities Attributable to Air Pollutant Exposure in Detroit, Michigan. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	31
151	Assessing concentrations and health impacts of air quality management strategies: Framework for Rapid Emissions Scenario and Health impact ESTimation (FRESH-EST). <i>Environment International</i> , <b>2016</b> , 94, 473-481	12.9	9
150	Trends in PM emissions, concentrations and apportionments in Detroit and Chicago. <i>Atmospheric Environment</i> , <b>2016</b> , 129, 197-209	5.3	28
149	Tumour necrosis factor polymorphism (TNF-308G/A) in association with asthma related phenotypes and air pollutants among children in KwaZulu-Natal. <i>Asian Pacific Journal of Allergy and Immunology</i> , <b>2016</b> , 34, 217-222	5.4	4
148	Measurement and Comparison of Organic Compound Concentrations in Plasma, Whole Blood, and Dried Blood Spot Samples. <i>Frontiers in Genetics</i> , <b>2016</b> , 7, 64	4.5	10
147	Prenatal exposures and DNA methylation in newborns: a pilot study in Durban, South Africa. <i>Environmental Sciences: Processes and Impacts</i> , <b>2016</b> , 18, 908-17	4.3	17
146	Non-stationary spatio-temporal modeling of traffic-related pollutants in near-road environments. <i>Spatial and Spatio-temporal Epidemiology</i> , <b>2016</b> , 18, 24-37	3.5	4
145	Significance of mobility in the life-cycle assessment of buildings. <i>Building Research and Information</i> , <b>2016</b> , 44, 376-393	4.3	20
144	Association of Environmental Toxins With Amyotrophic Lateral Sclerosis. <i>JAMA Neurology</i> , <b>2016</b> , 73, 803-17	17.2	68
143	Characteristics of PM Concentrations across Beijing during 2013-2015. <i>Atmospheric Environment</i> , <b>2016</b> , 145, 104-114	5.3	45
142	Measurement of Infiltration Rates from the Daily Cycle of Ambient CO <sub>2</sub> . <i>International Journal of Ventilation</i> , <b>2016</b> , 14, 409-420	1.1	2
141	Hepatic polybrominated diphenyl ether (PBDE) levels in Wisconsin river otters () and Michigan bald eagles (). <i>Journal of Great Lakes Research</i> , <b>2015</b> , 41, 222-227	3	11
140	Temporal variation of traffic on highways and the development of accurate temporal allocation factors for air pollution analyses. <i>Atmospheric Environment</i> , <b>2015</b> , 107, 351-363	5.3	39
139	Factors affecting pollutant concentrations in the near-road environment. <i>Atmospheric Environment</i> , <b>2015</b> , 115, 223-235	5.3	40
138	Effect of geocoding errors on traffic-related air pollutant exposure and concentration estimates. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2015</b> , 25, 490-8	6.7	20

137	Health impact metrics for air pollution management strategies. <i>Environment International</i> , <b>2015</b> , 85, 84-95.9	2.9	29
136	Effects of fuels, engine load and exhaust after-treatment on diesel engine SVOC emissions and development of SVOC profiles for receptor modeling. <i>Atmospheric Environment</i> , <b>2015</b> , 102, 229-238	5.3	27
135	Air exchange rates and migration of VOCs in basements and residences. <i>Indoor Air</i> , <b>2015</b> , 25, 598-609	5.4	34
134	High resolution spatial and temporal mapping of traffic-related air pollutants. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 3646-66	4.6	24
133	Air Pollution Exposure Model for Individuals (EMI) in Health Studies: Evaluation for Ambient PM2.5 in Central North Carolina. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 14184-94	10.3	30
132	Temporal and spatial variation in allocating annual traffic activity across an urban region and implications for air quality assessments. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2015</b> , 41, 401-415	6.4	9
131	Air exchange rates from atmospheric CO daily cycle. <i>Energy and Buildings</i> , <b>2015</b> , 92, 188-194	7	17
130	PAHs (polycyclic aromatic hydrocarbons), nitro-PAHs, and hopane and sterane biomarkers in sediments of southern Lake Michigan, USA. <i>Science of the Total Environment</i> , <b>2014</b> , 487, 173-86	10.2	59
129	Modeling and analysis of personal exposures to VOC mixtures using copulas. <i>Environment International</i> , <b>2014</b> , 63, 236-45	12.9	10
128	Life-cycle energy and greenhouse gas analysis of three building types in a residential area in Lisbon. <i>Energy and Buildings</i> , <b>2014</b> , 69, 344-353	7	87
127	Multimedia model for polycyclic aromatic hydrocarbons (PAHs) and nitro-PAHs in Lake Michigan. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 13817-25	10.3	32
126	Levels and sources of volatile organic compounds in homes of children with asthma. <i>Indoor Air</i> , <b>2014</b> , 24, 403-15	5.4	90
125	Performance and storage integrity of dried blood spots for PCB, BFR and pesticide measurements. <i>Science of the Total Environment</i> , <b>2014</b> , 494-495, 252-60	10.2	17
124	Spatial Resolution Requirements for Traffic-Related Air Pollutant Exposure Evaluations. <i>Atmospheric Environment</i> , <b>2014</b> , 94, 518-528	5.3	36
123	Air quality modeling in support of the Near-Road Exposures and Effects of Urban Air Pollutants Study (NEXUS). <i>International Journal of Environmental Research and Public Health</i> , <b>2014</b> , 11, 8777-93	4.6	31
122	Dispersion Modeling of Traffic-Related Air Pollutant Exposures and Health Effects Among Children with Asthma in Detroit, Michigan. <i>Transportation Research Record</i> , <b>2014</b> , 2452, 105-112	1.7	22
121	A comparison of exposure metrics for traffic-related air pollutants: application to epidemiology studies in Detroit, Michigan. <i>International Journal of Environmental Research and Public Health</i> , <b>2014</b> , 11, 9553-77	4.6	32
120	Modeling spatial and temporal variability of residential air exchange rates for the Near-Road Exposures and Effects of Urban Air Pollutants Study (NEXUS). <i>International Journal of Environmental Research and Public Health</i> , <b>2014</b> , 11, 11481-504	4.6	13



119	GPS-based microenvironment tracker (MicroTrac) model to estimate time-location of individuals for air pollution exposure assessments: model evaluation in central North Carolina. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2014</b> , 24, 412-20	6.7	42
118	Applicability of the environmental relative moldiness index for quantification of residential mold contamination in an air pollution health effects study. <i>Journal of Environmental and Public Health</i> , <b>2014</b> , 2014, 261357	2.6	3
117	PAHs, nitro-PAHs, hopanes, and steranes in lake trout from Lake Michigan. <i>Environmental Toxicology and Chemistry</i> , <b>2014</b> , 33, 1792-801	3.8	23
116	Environmental risk factors and amyotrophic lateral sclerosis (ALS): a case-control study of ALS in Michigan. <i>PLoS ONE</i> , <b>2014</b> , 9, e101186	3.7	44
115	Personal exposure to mixtures of volatile organic compounds: modeling and further analysis of the RIOPA data. <i>Research Report (health Effects Institute)</i> , <b>2014</b> , 3-63	0.9	10
114	Concentrations and risks of p-dichlorobenzene in indoor and outdoor air. <i>Indoor Air</i> , <b>2013</b> , 23, 40-9	5.4	23
113	Air pollution and health risks due to vehicle traffic. <i>Science of the Total Environment</i> , <b>2013</b> , 450-451, 307-16.2	16.2	284
112	Composition and Integrity of PAHs, Nitro-PAHs, Hopanes and Steranes In Diesel Exhaust Particulate Matter. <i>Water, Air, and Soil Pollution</i> , <b>2013</b> , 224, 1	2.6	18
111	Determinants of personal, indoor and outdoor VOC concentrations: an analysis of the RIOPA data. <i>Environmental Research</i> , <b>2013</b> , 126, 192-203	7.9	51
110	Air quality in the Industrial Heartland of Alberta, Canada and potential impacts on human health. <i>Atmospheric Environment</i> , <b>2013</b> , 81, 702-709	5.3	25
109	Statistical strategies for constructing health risk models with multiple pollutants and their interactions: possible choices and comparisons. <i>Environmental Health</i> , <b>2013</b> , 12, 85	6	95
108	Use of Free-standing Filters in an Asthma Intervention Study. <i>Air Quality, Atmosphere and Health</i> , <b>2013</b> , 6, 759-767	5.6	12
107	Addressing extrema and censoring in pollutant and exposure data using mixture of normal distributions. <i>Atmospheric Environment</i> , <b>2013</b> , 77, 464-464	5.3	6
106	The Near-Road Exposures and Effects of Urban Air Pollutants Study (NEXUS): study design and methods. <i>Science of the Total Environment</i> , <b>2013</b> , 448, 38-47	10.2	64
105	Indoor air quality and thermal comfort-results of a pilot study in elderly care centers in Portugal. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2013</b> , 76, 333-44	3.2	57
104	Ambient pollution and respiratory outcomes among schoolchildren in Durban, South Africa. <i>SAJCH South African Journal of Child Health</i> , <b>2013</b> , 7, 127-134	0.8	31
103	Bayesian analysis of time-series data under case-crossover designs: posterior equivalence and inference. <i>Biometrics</i> , <b>2013</b> , 69, 925-36	1.8	2
102	The Near-Road Ambient Monitoring Network and Exposure Estimates for Health Studies. <i>Em: Air and Waste Management Association's Magazine for Environmental Managers</i> , <b>2013</b> , 2013, 24-30		5

101	Variability of indoor and outdoor VOC measurements: an analysis using variance components. <i>Environmental Pollution</i> , <b>2012</b> , 169, 152-9	9.3	42
100	Concentrations and speciation of polybrominated diphenyl ethers in human amniotic fluid. <i>Science of the Total Environment</i> , <b>2012</b> , 417-418, 294-8	10.2	37
99	Extreme value analyses of VOC exposures and risks: A comparison of RIOPA and NHANES datasets. <i>Atmospheric Environment</i> , <b>2012</b> , 62, 97-106	5.3	20
98	Gaseous and Particulate Emissions from Diesel Engines at Idle and under Load: Comparison of Biodiesel Blend and Ultralow Sulfur Diesel Fuels. <i>Energy &amp; Fuels</i> , <b>2012</b> , 26, 6737-6748	4.1	30
97	Air pollutant exposure and preterm and term small-for-gestational-age births in Detroit, Michigan: long-term trends and associations. <i>Environment International</i> , <b>2012</b> , 44, 7-17	12.9	57
96	Air change rates and interzonal flows in residences, and the need for multi-zone models for exposure and health analyses. <i>International Journal of Environmental Research and Public Health</i> , <b>2012</b> , 9, 4639-61	4.6	41
95	Point source modeling of matched case-control data with multiple disease subtypes. <i>Statistics in Medicine</i> , <b>2012</b> , 31, 3617-37	2.3	1
94	GSTM1 and GSTP1 gene variants and the effect of air pollutants on lung function measures in South African children. <i>American Journal of Industrial Medicine</i> , <b>2012</b> , 55, 1078-86	2.7	23
93	Characterization of allergens and airborne fungi in low and middle-income homes of primary school children in Durban, South Africa. <i>American Journal of Industrial Medicine</i> , <b>2012</b> , 55, 1110-21	2.7	6
92	Sources, concentrations, and risks of naphthalene in indoor and outdoor air. <i>Indoor Air</i> , <b>2012</b> , 22, 266-78	5.4	53
91	Particulate matter concentrations in residences: an intervention study evaluating stand-alone filters and air conditioners. <i>Indoor Air</i> , <b>2012</b> , 22, 235-52	5.4	73
90	VOC composition of current motor vehicle fuels and vapors, and collinearity analyses for receptor modeling. <i>Chemosphere</i> , <b>2012</b> , 86, 951-8	8.4	41
89	Association of daily asthma emergency department visits and hospital admissions with ambient air pollutants among the pediatric Medicaid population in Detroit: time-series and time-stratified case-crossover analyses with threshold effects. <i>Environmental Research</i> , <b>2011</b> , 111, 1137-47	7.9	60
88	Manganese and lead in children's blood and airborne particulate matter in Durban, South Africa. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 1058-68	10.2	31
87	Vehicle emissions in congestion: Comparison of work zone, rush hour and free-flow conditions. <i>Atmospheric Environment</i> , <b>2011</b> , 45, 1929-1939	5.3	105
86	Trends of VOC exposures among a nationally representative sample: Analysis of the NHANES 1988 through 2004 data sets. <i>Atmospheric Environment</i> , <b>2011</b> , 45, 4858-4867	5.3	18
85	Asthma exacerbation and proximity of residence to major roads: a population-based matched case-control study among the pediatric Medicaid population in Detroit, Michigan. <i>Environmental Health</i> , <b>2011</b> , 10, 34	6	45
84	Particle Concentrations and Effectiveness of Free-Standing Air Filters in Bedrooms of Children with Asthma in Detroit, Michigan. <i>Building and Environment</i> , <b>2011</b> , 46, 2303-2313	6.5	46



83	Impacts of climate change on public health in India: future research directions. <i>Environmental Health Perspectives</i> , <b>2011</b> , 119, 765-70	8.4	54
82	Development and Application of Competencies for Graduate Programs in Energy and Sustainability. <i>Journal of Professional Issues in Engineering Education and Practice</i> , <b>2011</b> , 137, 198-207	0.7	20
81	Sources and migration of volatile organic compounds in mixed-use buildings. <i>Indoor Air</i> , <b>2010</b> , 20, 357-69	5.4	23
80	Copulas and Other Multivariate Models of Personal Exposures to VOC Mixtures. <i>Human and Ecological Risk Assessment (HERA)</i> , <b>2010</b> , 16, 873-900	4.9	4
79	Permeation of gasoline, diesel, bioethanol (E85), and biodiesel (B20) fuels through six glove materials. <i>Journal of Occupational and Environmental Hygiene</i> , <b>2010</b> , 7, 417-28	2.9	6
78	Prediction and analysis of near-road concentrations using a reduced-form emission/dispersion model. <i>Environmental Health</i> , <b>2010</b> , 9, 29	6	21
77	Brominated flame retardants in offices in Michigan, USA. <i>Environment International</i> , <b>2010</b> , 36, 548-56	12.9	85
76	Sorption of trihalomethanes in foods. <i>Environment International</i> , <b>2010</b> , 36, 754-62	12.9	20
75	A critical review of naphthalene sources and exposures relevant to indoor and outdoor air. <i>International Journal of Environmental Research and Public Health</i> , <b>2010</b> , 7, 2903-39	4.6	147
74	Near-road air pollutant concentrations of CO and PM2.5: A comparison of MOBILE6.2/CALINE4 and generalized additive models. <i>Atmospheric Environment</i> , <b>2010</b> , 44, 1740-1748	5.3	45
73	Optimizing Traffic Control to Reduce Fuel Consumption and Vehicular Emissions: Integrated Approach with VISSIM, CMEM, and VISGAOST. <i>Transportation Research Record</i> , <b>2009</b> , 2128, 105-113	1.7	127
72	Sustainable control of water-related infectious diseases: a review and proposal for interdisciplinary health-based systems research. <i>Environmental Health Perspectives</i> , <b>2009</b> , 117, 1023-32	8.4	55
71	Time allocation shifts and pollutant exposure due to traffic congestion: an analysis using the national human activity pattern survey. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 5493-500	10.2	17
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