

Lianne Sheppard

List of Publications by Citations

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170
papers

10,093
citations

54
h-index

96
g-index

190
ext. papers

11,579
ext. citations

5.7
avg. IF

6.07
L-index

#	Paper	IF	Citations
170	Long-term exposure to air pollution and incidence of cardiovascular events in women. <i>New England Journal of Medicine</i> , 2007 , 356, 447-58	59.2	1319
169	Case-crossover analyses of air pollution exposure data: referent selection strategies and their implications for bias. <i>Epidemiology</i> , 2005 , 16, 717-26	3.1	486
168	Referent selection in case-crossover analyses of acute health effects of air pollution. <i>Epidemiology</i> , 2001 , 12, 186-92	3.1	362
167	Dietary fat and cancer: consistency of the epidemiologic data, and disease prevention that may follow from a practical reduction in fat consumption. <i>Cancer Causes and Control</i> , 1990 , 1, 81-97; discussion 99-109	2.8	289
166	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	4.0	273
165	Effect of ambient air pollution on pulmonary exacerbations and lung function in cystic fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 169, 816-21	10.2	185
164	Air pollution and individual and neighborhood socioeconomic status: evidence from the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Environmental Health Perspectives</i> , 2013 , 121, 1325-33	8.4	160
163	Episodes of high coarse particle concentrations are not associated with increased mortality. <i>Environmental Health Perspectives</i> , 1999 , 107, 339-42	8.4	150
162	Ambient air pollution and asthma exacerbations in children: an eight-city analysis. <i>American Journal of Epidemiology</i> , 2006 , 164, 505-17	3.8	149
161	Use of real-time light scattering data to estimate the contribution of infiltrated and indoor-generated particles to indoor air. <i>Environmental Science & Technology</i> , 2003 , 37, 3484-92	10.3	149
160	Confounding and exposure measurement error in air pollution epidemiology. <i>Air Quality, Atmosphere and Health</i> , 2012 , 5, 203-216	5.6	142
159	Exposure assessment of particulate matter for susceptible populations in Seattle. <i>Environmental Health Perspectives</i> , 2003 , 111, 909-18	8.4	141
158	A regionalized national universal kriging model using Partial Least Squares regression for estimating annual PM concentrations in epidemiology. <i>Atmospheric Environment</i> , 2013 , 75, 383-392	5.3	140
157	Effects of Ambient Air Pollution on Nonelderly Asthma Hospital Admissions in Seattle, Washington, 1987-1994. <i>Epidemiology</i> , 1999 , 10, 23-30	3.1	139
156	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, 546-556	27.4	130
155	Fine particulate air pollution and the progression of carotid intima-medial thickness: a prospective cohort study from the multi-ethnic study of atherosclerosis and air pollution. <i>PLoS Medicine</i> , 2013 , 10, e1001430	11.6	130
154	Worker recovery expectations and fear-avoidance predict work disability in a population-based workers' compensation back pain sample. <i>Spine</i> , 2006 , 31, 682-9	3.3	127

153	The temporal lag structure of short-term associations of fine particulate matter chemical constituents and cardiovascular and respiratory hospitalizations. <i>Environmental Health Perspectives</i> , 2012 , 120, 1094-9	8.4	125
152	A Case-Crossover Analysis of Particulate Matter Air Pollution and Out-of-Hospital Primary Cardiac Arrest. <i>Epidemiology</i> , 2001 , 12, 193-199	3.1	123
151	Relation between short-term fine-particulate matter exposure and onset of myocardial infarction. <i>Epidemiology</i> , 2005 , 16, 41-8	3.1	119
150	Modeling the residential infiltration of outdoor PM(2.5) in the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air). <i>Environmental Health Perspectives</i> , 2012 , 120, 824-30	8.4	116
149	Overlap bias in the case-crossover design, with application to air pollution exposures. <i>Statistics in Medicine</i> , 2005 , 24, 285-300	2.3	115
148	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, 825-37	3.8	113
147	Health Effects of Air Pollution: A Statistical Review. <i>International Statistical Review</i> , 2003 , 71, 243-276	1.4	112
146	The evidence of human exposure to glyphosate: a review. <i>Environmental Health</i> , 2019 , 18, 2	6	112
145	Aggregate data studies of disease risk factors. <i>Biometrika</i> , 1995 , 82, 113-125	2	108
144	Fine particulate matter air pollution, proximity to traffic, and aortic atherosclerosis. <i>Epidemiology</i> , 2009 , 20, 254-64	3.1	107
143	Exposure to glyphosate-based herbicides and risk for non-Hodgkin lymphoma: A meta-analysis and supporting evidence. <i>Mutation Research - Reviews in Mutation Research</i> , 2019 , 781, 186-206	7	104
142	Predictors of carotid thickness and plaque progression during a decade: the Multi-Ethnic Study of Atherosclerosis. <i>Stroke</i> , 2014 , 45, 3257-62	6.7	101
141	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, 301-9	8.4	100
140	Increased risk of parkinsonism associated with welding exposure. <i>NeuroToxicology</i> , 2012 , 33, 1356-61	4.4	100
139	Comparing universal kriging and land-use regression for predicting concentrations of gaseous oxides of nitrogen (NOx) for the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air). <i>Atmospheric Environment</i> , 2011 , 45, 4412-4420	5.3	99
138	Approach to estimating participant pollutant exposures in the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air). <i>Environmental Science & Technology</i> , 2009 , 43, 4687-93 ^{10.3}		99
137	Effects of ambient air pollution on symptom severity and medication use in children with asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2003 , 91, 346-53	3.2	96
136	Satellite-Based NO2 and Model Validation in a National Prediction Model Based on Universal Kriging and Land-Use Regression. <i>Environmental Science & Technology</i> , 2016 , 50, 3686-94	10.3	93

135	Exposure measurement error in PM2.5 health effects studies: a pooled analysis of eight personal exposure validation studies. <i>Environmental Health</i> , 2014 , 13, 2	6	91
134	Association between particulate matter and emergency room visits, hospital admissions and mortality in Spokane, Washington. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2005 , 15, 153-9	6.7	90
133	ISSLS prize winner: early predictors of chronic work disability: a prospective, population-based study of workers with back injuries. <i>Spine</i> , 2008 , 33, 2809-18	3.3	89
132	Exposure to traffic and left ventricular mass and function: the Multi-Ethnic Study of Atherosclerosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 179, 827-34	10.2	88
131	Efficient measurement error correction with spatially misaligned data. <i>Biostatistics</i> , 2011 , 12, 610-23	3.7	87
130	Pragmatic estimation of a spatio-temporal air quality model with irregular monitoring data. <i>Atmospheric Environment</i> , 2011 , 45, 6593-6606	5.3	85
129	Predicting Intra-Urban Variation in Air Pollution Concentrations with Complex Spatio-Temporal Dependencies. <i>Environmetrics</i> , 2009 , 21, 606-631	1.3	83
128	Does more accurate exposure prediction necessarily improve health effect estimates?. <i>Epidemiology</i> , 2011 , 22, 680-5	3.1	81
127	Prospective noise induced changes to hearing among construction industry apprentices. <i>Occupational and Environmental Medicine</i> , 2005 , 62, 309-17	2.1	75
126	Ambient carbon monoxide and fine particulate matter in relation to preeclampsia and preterm delivery in western Washington State. <i>Environmental Health Perspectives</i> , 2011 , 119, 886-92	8.4	71
125	Factors associated with early opioid prescription among workers with low back injuries. <i>Journal of Pain</i> , 2006 , 7, 718-25	5.2	69
124	Dose-dependent progression of parkinsonism in manganese-exposed welders. <i>Neurology</i> , 2017 , 88, 344-351	3.5	66
123	Disparities in cancer incidence and mortality by area-level socioeconomic status: a multilevel analysis. <i>Journal of Epidemiology and Community Health</i> , 2015 , 69, 168-76	5.1	66
122	Health effects of long-term air pollution: influence of exposure prediction methods. <i>Epidemiology</i> , 2009 , 20, 442-50	3.1	64
121	A Case-Crossover Study of Heat Exposure and Injury Risk in Outdoor Agricultural Workers. <i>PLoS ONE</i> , 2016 , 11, e0164498	3.7	62
120	A Flexible Spatio-Temporal Model for Air Pollution with Spatial and Spatio-Temporal Covariates. <i>Environmental and Ecological Statistics</i> , 2014 , 21, 411-433	2.2	61
119	10-Year prospective study of noise exposure and hearing damage among construction workers. <i>Occupational and Environmental Medicine</i> , 2012 , 69, 643-50	2.1	59
118	Coagulation markers in healthy human subjects exposed to diesel exhaust. <i>Thrombosis Research</i> , 2007 , 120, 849-55	8.2	59

117	A national prediction model for PM2.5 component exposures and measurement error-corrected health effect inference. <i>Environmental Health Perspectives</i> , 2013 , 121, 1017-25	8.4	57
116	Estimated Changes in Life Expectancy and Adult Mortality Resulting from Declining PM2.5 Exposures in the Contiguous United States: 1980-2010. <i>Environmental Health Perspectives</i> , 2017 , 125, 097003	8.4	53
115	Air pollution and subclinical interstitial lung disease: the Multi-Ethnic Study of Atherosclerosis (MESA) air-lung study. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	51
114	Prediction of chronic disability in work-related musculoskeletal disorders: a prospective, population-based study. <i>BMC Musculoskeletal Disorders</i> , 2004 , 5, 14	2.8	51
113	Blood manganese as an exposure biomarker: state of the evidence. <i>Journal of Occupational and Environmental Hygiene</i> , 2014 , 11, 210-7	2.9	50
112	Impact of sample selection on APOE epsilon 4 allele frequency: a comparison of two Alzheimer's disease samples. <i>Journal of the American Geriatrics Society</i> , 1996 , 44, 704-7	5.6	50
111	Ozone Inhalation Impairs Coronary Artery Dilation via Intracellular Oxidative Stress: Evidence for Serum-Borne Factors as Drivers of Systemic Toxicity. <i>Toxicological Sciences</i> , 2015 , 146, 244-53	4.4	49
110	Statistical design of the Women's Health Trial. <i>Contemporary Clinical Trials</i> , 1988 , 9, 119-36		48
109	Exposure and measurement contributions to estimates of acute air pollution effects. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2005 , 15, 366-76	6.7	45
108	Risk Factors for Long-Term Coronary Artery Calcium Progression in the Multi-Ethnic Study of Atherosclerosis. <i>Journal of the American Heart Association</i> , 2015 , 4, e001726	6	44
107	Calibration of low-cost particulate matter sensors: Model development for a multi-city epidemiological study. <i>Environment International</i> , 2020 , 134, 105329	12.9	44
106	Adherence to the WCRF/AICR cancer prevention recommendations and cancer-specific mortality: results from the Vitamins and Lifestyle (VITAL) Study. <i>Cancer Causes and Control</i> , 2014 , 25, 541-52	2.8	43
105	Maternal urinary phthalate metabolites in relation to gestational diabetes and glucose intolerance during pregnancy. <i>Environment International</i> , 2019 , 123, 588-596	12.9	42
104	Early predictors of chronic work disability associated with carpal tunnel syndrome: a longitudinal workers' compensation cohort study. <i>American Journal of Industrial Medicine</i> , 2007 , 50, 489-500	2.7	42
103	Insights on bias and information in group-level studies. <i>Biostatistics</i> , 2003 , 4, 265-78	3.7	42
102	Historical Prediction Modeling Approach for Estimating Long-Term Concentrations of PM2.5 in Cohort Studies before the 1999 Implementation of Widespread Monitoring. <i>Environmental Health Perspectives</i> , 2017 , 125, 38-46	8.4	41
101	Estimated hourly personal exposures to ambient and nonambient particulate matter among sensitive populations in Seattle, Washington. <i>Journal of the Air and Waste Management Association</i> , 2004 , 54, 1197-211	2.4	41
100	Residential indoor PM2.5 in wood stove homes: follow-up of the Libby changeout program. <i>Indoor Air</i> , 2012 , 22, 492-500	5.4	40

99	Predictors of hearing threshold levels and distortion product otoacoustic emissions among noise exposed young adults. <i>Occupational and Environmental Medicine</i> , 2004 , 61, 899-907	2.1	39
98	Assessing seasonal confounding and model selection bias in air pollution epidemiology using positive and negative control analyses. <i>Environmetrics</i> , 2000 , 11, 705-717	1.3	38
97	Common genetic variation, residential proximity to traffic exposure, and left ventricular mass: the multi-ethnic study of atherosclerosis. <i>Environmental Health Perspectives</i> , 2010 , 118, 962-9	8.4	36
96	A rural community intervention targeting biomass combustion sources: effects on air quality and reporting of children's respiratory outcomes. <i>Occupational and Environmental Medicine</i> , 2012 , 69, 354-60 ^{2.1}		36
95	Concentrations of criteria pollutants in the contiguous U.S., 1979 - 2015: Role of prediction model parsimony in integrated empirical geographic regression. <i>PLoS ONE</i> , 2020 , 15, e0228535	3.7	34
94	Ambient woodsmoke and associated respiratory emergency department visits in Spokane, Washington. <i>International Journal of Occupational and Environmental Health</i> , 2006 , 12, 147-53		34
93	Multi-pollutant mobile platform measurements of air pollutants adjacent to a major roadway. <i>Atmospheric Environment</i> , 2014 , 98, 492-499	5.3	33
92	Predictors of hearing protection use in construction workers. <i>Annals of Occupational Hygiene</i> , 2009 , 53, 605-15		33
91	Comparison of perceived and quantitative measures of occupational noise exposure. <i>Annals of Occupational Hygiene</i> , 2009 , 53, 41-54		33
90	Adopting Clean Fuels and Technologies on School Buses. Pollution and Health Impacts in Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 1413-21	10.2	31
89	Neurological outcomes associated with low-level manganese exposure in an inception cohort of asymptomatic welding trainees. <i>Scandinavian Journal of Work, Environment and Health</i> , 2015 , 41, 94-101 ^{4.3}		31
88	National Particle Component Toxicity (NPACT) initiative report on cardiovascular effects. <i>Research Report (health Effects Institute)</i> , 2013 , 5-8	0.9	31
87	Alternative metrics for noise exposure among construction workers. <i>Annals of Occupational Hygiene</i> , 2005 , 49, 493-502		30
86	Statistical analysis of air pollution panel studies: an illustration. <i>Annals of Epidemiology</i> , 2008 , 18, 792-800 ^{2.4}		29
85	Ambient Air Quality Measurements from a Continuously Moving Mobile Platform: Estimation of Area-Wide, Fuel-Based, Mobile Source Emission Factors Using Absolute Principal Component Scores. <i>Atmospheric Environment</i> , 2017 , 152, 201-211	5.3	28
84	Susceptibility to quantum dot induced lung inflammation differs widely among the Collaborative Cross founder mouse strains. <i>Toxicology and Applied Pharmacology</i> , 2015 , 289, 240-50	4.6	28
83	Individual-level concentrations of fine particulate matter chemical components and subclinical atherosclerosis: a cross-sectional analysis based on 2 advanced exposure prediction models in the multi-ethnic study of atherosclerosis. <i>American Journal of Epidemiology</i> , 2014 , 180, 718-28	3.8	28
82	Comparison of Task-Based Estimates With Full-Shift Measurements of Noise Exposure. <i>AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety</i> , 2003 , 64, 823-829		28

81	Mortality associated with wildfire smoke exposure in Washington state, 2006-2017: a case-crossover study. <i>Environmental Health</i> , 2020 , 19, 4	6	27
80	Contribution of health behaviors to the association between area-level socioeconomic status and cancer mortality. <i>Social Science and Medicine</i> , 2016 , 148, 52-8	5.1	27
79	A multi-component intervention to promote hearing protector use among construction workers. <i>International Journal of Audiology</i> , 2011 , 50 Suppl 1, S46-56	2.6	27
78	Accuracy of task recall for epidemiological exposure assessment to construction noise. <i>Occupational and Environmental Medicine</i> , 2004 , 61, 135-42	2.1	27
77	Time series analyses of air pollution and health: straining at gnats and swallowing camels?. <i>Epidemiology</i> , 2003 , 14, 13-4	3.1	26
76	Markers of inflammation and coagulation after long-term exposure to coarse particulate matter: a cross-sectional analysis from the multi-ethnic study of atherosclerosis. <i>Environmental Health Perspectives</i> , 2015 , 123, 541-8	8.4	25
75	Tuberculosis in health care settings and the estimated benefits of engineering controls and respiratory protection. <i>Journal of Occupational and Environmental Medicine</i> , 1997 , 39, 849-54	2	25
74	Correlations between short-term mobile monitoring and long-term passive sampler measurements of traffic-related air pollution. <i>Atmospheric Environment</i> , 2016 , 132, 229-239	5.3	24
73	Hair Manganese as an Exposure Biomarker among Welders. <i>Annals of Occupational Hygiene</i> , 2016 , 60, 139-49		24
72	Selective D2 receptor PET in manganese-exposed workers. <i>Neurology</i> , 2018 , 91, e1022-e1030	6.5	23
71	Development of Long-term Spatiotemporal Models for Ambient Ozone in Six Metropolitan regions of the United States: The MESA Air Study. <i>Atmospheric Environment</i> , 2015 , 123, 79-87	5.3	22
70	Variance components of short-term biomarkers of manganese exposure in an inception cohort of welding trainees. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015 , 29, 123-9	4.1	22
69	Chemical characterization and in vitro toxicity of diesel exhaust particulate matter generated under varying conditions. <i>Air Quality, Atmosphere and Health</i> , 2015 , 8, 507-519	5.6	22
68	Positive matrix factorization of a 32-month series of daily PM speciation data with incorporation of temperature stratification. <i>Atmospheric Environment</i> , 2013 , 65, 11-20	5.3	22
67	Design considerations for estimation of exposure effects on disease risk, using aggregate data studies. <i>Statistics in Medicine</i> , 1996 , 15, 1849-58	2.3	22
66	Evaluation of the recursive model approach for estimating particulate matter infiltration efficiencies using continuous light scattering data. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2007 , 17, 468-77	6.7	21
65	Inducible nitric oxide synthase gene methylation and parkinsonism in manganese-exposed welders. <i>Parkinsonism and Related Disorders</i> , 2015 , 21, 355-60	3.6	20
64	Did PEPFAR investments result in health system strengthening? A retrospective longitudinal study measuring non-HIV health service utilization at the district level. <i>Health Policy and Planning</i> , 2016 , 31, 897-909	3.4	20

63	Advances in Understanding Air Pollution and CVD. <i>Global Heart</i> , 2016 , 11, 343-352	2.9	20
62	A case-crossover study of heat exposure and injury risk among outdoor construction workers in Washington State. <i>Scandinavian Journal of Work, Environment and Health</i> , 2019 , 45, 588-599	4.3	18
61	[F]FDOPA positron emission tomography in manganese-exposed workers. <i>NeuroToxicology</i> , 2018 , 64, 43-49	4.4	17
60	Intra-urban spatial variability and uncertainty assessment of PM sources based on carbonaceous species. <i>Atmospheric Environment</i> , 2012 , 60, 305-315	5.3	17
59	Disparities in Air Pollution Exposure in the United States by Race/Ethnicity and Income, 1990-2010.. <i>Environmental Health Perspectives</i> , 2021 , 129, 127005	8.4	17
58	The Need for a Tighter Particulate-Matter Air-Quality Standard. <i>New England Journal of Medicine</i> , 2020 , 383, 680-683	59.2	16
57	Association between Precipitation and Diarrheal Disease in Mozambique. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	16
56	MRI Signal Intensity and Parkinsonism in Manganese-Exposed Workers. <i>Journal of Occupational and Environmental Medicine</i> , 2019 , 61, 641-645	2	16
55	Spatial decomposition analysis of NO2 and PM2.5 air pollution in the United States. <i>Atmospheric Environment</i> , 2020 , 241, 117470	5.3	15
54	Ambient Air Pollution Exposure and Fecundability in Women Undergoing In Vitro Fertilization. <i>Environmental Epidemiology</i> , 2019 , 3,	0.2	15
53	Validating national kriging exposure estimation. <i>Environmental Health Perspectives</i> , 2007 , 115, A338; author reply A338-9	8.4	14
52	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, 520-8	6.7	14
51	Multipollutant measurement error in air pollution epidemiology studies arising from predicting exposures with penalized regression splines. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2016 , 65, 731-753	1.5	13
50	Using exposure windows to explore an elusive biomarker: blood manganese. <i>International Archives of Occupational and Environmental Health</i> , 2016 , 89, 679-87	3.2	13
49	The short-term association of selected components of fine particulate matter and mortality in the Denver Aerosol Sources and Health (DASH) study. <i>Environmental Health</i> , 2015 , 14, 49	6	13
48	Estimating acute air pollution health effects from cohort study data. <i>Biometrics</i> , 2014 , 70, 164-74	1.8	13
47	Modeling distortion product otoacoustic emission input/output functions using segmented regression. <i>Journal of the Acoustical Society of America</i> , 2006 , 120, 2764-76	2.2	13
46	Developing standards for distortion product otoacoustic emission measurements. <i>Journal of the Acoustical Society of America</i> , 2007 , 122, 2203-14	2.2	12

45	Association between work in deforested, compared to forested, areas and human heat strain: An experimental study in a rural tropical environment. <i>Environmental Research Letters</i> , 2019 , 14,	6.2	11
44	Combining PM2.5 Component Data from Multiple Sources: Data Consistency and Characteristics Relevant to Epidemiological Analyses of Predicted Long-Term Exposures. <i>Environmental Health Perspectives</i> , 2015 , 123, 651-8	8.4	11
43	Acute air pollution effects: consequences of exposure distribution and measurements. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2005 , 68, 1127-35	3.2	11
42	Urinary metabolites of 1-nitropyrene in US-Mexico border residents who frequently cross the San Ysidro Port of Entry. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2017 , 27, 84-89	6.7	10
41	Relation of whole blood carboxyhemoglobin concentration to ambient carbon monoxide exposure estimated using regression. <i>American Journal of Epidemiology</i> , 2010 , 171, 942-51	3.8	10
40	Development of a brief questionnaire to predict long-term disability. <i>Journal of Occupational and Environmental Medicine</i> , 2008 , 50, 1042-52	2	10
39	Improving exposure estimates by combining exposure information. <i>Annals of Occupational Hygiene</i> , 2011 , 55, 537-47		9
38	Comparison of task-based estimates with full-shift measurements of noise exposure. <i>AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety</i> , 2003 , 64, 823-9		9
37	Exposure to ambient air pollution and calcification of the mitral annulus and aortic valve: the multi-ethnic study of atherosclerosis (MESA). <i>Environmental Health</i> , 2017 , 16, 133	6	8
36	Correcting for the effects of location and atmospheric conditions on air pollution exposures in a case-crossover study. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2001 , 11, 86-96	6.7	8
35	Estimating short-term PM effects accounting for surrogate exposure measurements from ambient monitors. <i>Environmetrics</i> , 2000 , 11, 675-687	1.3	8
34	Vulnerability to the Cardiovascular Effects of Ambient Heat in Six US Cities: Results from the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Epidemiology</i> , 2018 , 29, 756-764	3.1	8
33	Fine Particulate Matter Exposure and Cerebrospinal Fluid Markers of Vascular Injury. <i>Journal of Alzheimer's Disease</i> , 2019 , 71, 1015-1025	4.3	7
32	Evaluation of 1-Nitropyrene as a Surrogate Measure for Diesel Exhaust. <i>Annals of Work Exposures and Health</i> , 2018 , 62, 339-350	2.4	7
31	The sensitivity of health effect estimates from time-series studies to fine particulate matter component sampling schedule. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2013 , 23, 481-6	6.7	7
30	Severity of parkinsonism associated with environmental manganese exposure. <i>Environmental Health</i> , 2021 , 20, 27	6	7
29	Fine-Scale Air Pollution Models for Epidemiologic Research: Insights From Approaches Developed in the Multi-ethnic Study of Atherosclerosis and Air Pollution (MESA Air). <i>Current Environmental Health Reports</i> , 2021 , 8, 113-126	6.5	7
28	Long-term Coarse Particulate Matter Exposure and Heart Rate Variability in the Multi-ethnic Study of Atherosclerosis. <i>Epidemiology</i> , 2016 , 27, 405-13	3.1	7

27	Pollutant composition modification of the effect of air pollution on progression of coronary artery calcium: the Multi-Ethnic Study of Atherosclerosis. <i>Environmental Epidemiology</i> , 2018 , 2,	0.2	7
26	Plasma polychlorinated biphenyl concentrations and immune function in postmenopausal women. <i>Environmental Research</i> , 2014 , 131, 174-80	7.9	6
25	Ambient Coarse Particulate Matter and the Right Ventricle: The Multi-Ethnic Study of Atherosclerosis. <i>Environmental Health Perspectives</i> , 2017 , 125, 077019	8.4	5
24	Reduced-Rank Spatio-Temporal Modeling of Air Pollution Concentrations in the Multi-Ethnic Study of Atherosclerosis and Air Pollution. <i>Annals of Applied Statistics</i> , 2014 , 8, 2509-2537	2.1	5
23	Re: Glyphosate Use and Cancer Incidence in the Agricultural Health Study. <i>Journal of the National Cancer Institute</i> , 2019 , 111, 214-215	9.7	5
22	Fine Particulate Matter and Dementia Incidence in the Adult Changes in Thought Study. <i>Environmental Health Perspectives</i> , 2021 , 129, 87001	8.4	5
21	In Pursuit of Evidence in Air Pollution Epidemiology: The Role of Causally Driven Data Science. <i>Epidemiology</i> , 2020 , 31, 1-6	3.1	4
20	Deployment, Calibration, and Cross-Validation of Low-Cost Electrochemical Sensors for Carbon Monoxide, Nitrogen Oxides, and Ozone for an Epidemiological Study. <i>Sensors</i> , 2021 , 21,	3.8	4
19	Transcriptomic profiling of PBDE-exposed HepaRG cells unveils critical lncRNA- PCG pairs involved in intermediary metabolism. <i>PLoS ONE</i> , 2020 , 15, e0224644	3.7	3
18	[11C]dihydrotetrabenazine Positron Emission Tomography in Manganese-Exposed Workers. <i>Journal of Occupational and Environmental Medicine</i> , 2020 , 62, 788-794	2	3
17	Improving Air Pollution Predictions of Long-Term Exposure Using Short-Term Mobile and Stationary Monitoring in Two US Metropolitan Regions. <i>Environmental Science & Technology</i> , 2021 , 55, 3530-3538	10.3	3
16	Depression and anxiety in a manganese-exposed community. <i>NeuroToxicology</i> , 2021 , 85, 222-233	4.4	3
15	Estimation Of Long-Term County-Average PM2.5 Concentrations For Area-Level Health Analyses. <i>ISEE Conference Abstracts</i> , 2015 , 2015, 1129	2.9	2
14	Fine Particulate Matter and Markers of Alzheimer's Disease Neuropathology at Autopsy in a Community-Based Cohort. <i>Journal of Alzheimer's Disease</i> , 2021 , 79, 1761-1773	4.3	2
13	Publicly available low-cost sensor measurements for PM exposure modeling: Guidance for monitor deployment and data selection. <i>Environment International</i> , 2021 , 158, 106897	12.9	2
12	Re: Estimating the Causal Effect of an Exposure on Change From Baseline Using Directed Acyclic Graphs and Path Analysis. <i>Epidemiology</i> , 2017 , 28, e27-e28	3.1	1
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9	Flawed analysis of an intentional human dosing study and its impact on chlorpyrifos risk assessments. <i>Environment International</i> , 2020 , 143, 105905	12.9	1
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7	Environmental manganese exposure and cognitive control in a South African population.. <i>NeuroToxicology</i> , 2022 , 89, 31-40	4.4	0
6	Reanalysis of the association between reduction in long-term PM concentrations and improved life expectancy. <i>Environmental Health</i> , 2021 , 20, 102	6	0
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1	Associations of Household Income with Health-Related Quality of Life Following a Colorectal Cancer Diagnosis Varies With Neighborhood Socioeconomic Status. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 , 30, 1366-1374	4	