Jaime E Hart

List of Publications by Year
in descending order

139 papers	8,667 citations	47 h-index	88 g-index
		47006	48315
146 all docs	146 docs citations	146 times ranked	10445 citing authors

#	Article	IF	Citations
1	Ultraviolet radiation and age at natural menopause in a nationwide, prospective US cohort. Environmental Research, 2022, 203, 111929.	7.5	4
2	Long-term aircraft noise exposure and risk of hypertension in the Nurses' Health Studies. Environmental Research, 2022, 207, 112195.	7.5	14
3	Integrated molecular response of exposure to traffic-related pollutants in the US trucking industry. Environment International, 2022, 158, 106957.	10.0	5
4	Intake of fruits and vegetables according to pesticide residue status in relation to all-cause and disease-specific mortality: Results from three prospective cohort studies. Environment International, 2022, 159, 107024.	10.0	22
5	Modification of associations between indoor particulate matter and systemic inflammation in individuals with COPD. Environmental Research, 2022, 209, 112802.	7.5	9
6	Dietary nitrate intake and vegetable consumption, ambient particulate matter, and risk of hypertension in the Nursesâ€™ Health study. Environment International, 2022, 161, 107100.	10.0	7
7	Sociodemographic Patterns of Exposure to Civil Aircraft Noise in the United States. Environmental Health Perspectives, 2022, 130, 27009.	6.0	5
8	Prenatal Diet as a Modifier of Environmental Risk Factors for Autism and Related Neurodevelopmental Outcomes. Current Environmental Health Reports, 2022, 9, 324-338.	6.7	9
9	Impact of neighborhood socioeconomic status, income segregation, and greenness on blood biomarkers of inflammation. Environment International, 2022, 162, 107164.	10.0	29
10	Residential Green Space and Cognitive Function in a Large Cohort of Middle-Aged Women. JAMA Network Open, 2022, 5, e229306.	5.9	19
11	Childhood beverage intake and risk of hypertension and hyperlipidaemia in young adults. International Journal of Food Sciences and Nutrition, 2022, 73, 954-964.	2.8	5
12	Associations between fruit juice and milk consumption and change in BMI in a large prospective cohort of U.S. adolescents and preadolescents. Pediatric Obesity, 2021, 16, e12781.	2.8	7
13	Associations between Nature Exposure and Health: A Review of the Evidence. International Journal of Environmental Research and Public Health, 2021, 18, 4790.	2.6	163
14	Measuring Nature Contact: A Narrative Review. International Journal of Environmental Research and Public Health, 2021, 18, 4092.	2.6	54
15	Social Distancing Associations with COVID-19 Infection and Mortality Are Modified by Crowding and Socioeconomic Status. International Journal of Environmental Research and Public Health, 2021, 18, 4680.	2.6	17
16	Associations of long-term exposure to environmental noise and outdoor light at night with age at natural menopause in a US women cohort. Environmental Epidemiology, 2021, 5, e154.	3.0	4
17	Estimation of ambient PM2.5 in Iraq and Kuwait from 2001 to 2018 using machine learning and remote sensing. Environment International, 2021, 151, 106445.	10.0	36
18	Associations between nighttime aircraft noise exposure and insufficient sleep in the US-based prospective Nursesâ€™ Health Study cohort. ISEE Conference Abstracts, 2021, 2021, .	0.0	0

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19	Ultraviolet radiation and age at natural menopause in a nationwide, prospective US cohort. ISEE Conference Abstracts, 2021, 2021, .	0.0	1
20	County-level exposures to greenness and associations with COVID-19 incidence and mortality in the United States. Environmental Research, 2021, 199, 111331.	7.5	59
21	Associations between minute-level smartphone GPS-derived exposure to greenness and consumer wearable-derived physical activity in the Nursesâ€™ Health Study 3. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
22	Environmental exposures and anti-MÃ¼llerian hormone: a mixture analysis in the US based Nursesâ€™ Health Study II (NHSII). ISEE Conference Abstracts, 2021, 2021, .	0.0	0
23	Interaction between long-term coarse particulate matter exposure and physical activity in relation to overall and respiratory mortality in U.S. women. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
24	Associations between indoor temperature and noise and semen parameters among participants in the US-based general population Growing Up Today Study. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
25	Impact of ambient temperature on ovarian reserve. Fertility and Sterility, 2021, 116, 1052-1060.	1.0	17
26	Intake of fruits and vegetables by pesticide residue status in relation to cancer risk. Environment International, 2021, 156, 106744.	10.0	25
27	Air pollution and cardiovascular disease hospitalization â€“ Are associations modified by greenness, temperature and humidity?. Environment International, 2021, 156, 106715.	10.0	47
28	Long-term exposure to particulate matter and roadway proximity with age at natural menopause in the Nursesâ€™ Health Study II Cohort. Environmental Pollution, 2021, 269, 116216.	7.5	14
29	Effects of particulate matter gamma radiation on oxidative stress biomarkers in COPD patients. Journal of Exposure Science and Environmental Epidemiology, 2021, 31, 727-735.	3.9	4
30	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.	3.0	4
31	The use of personal and indoor air pollution monitors in reproductive epidemiology studies. Paediatric and Perinatal Epidemiology, 2020, 34, 513-521.	1.7	10
32	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.	7.5	6
33	Involvement of fine particulate matter exposure with gene expression pathways in breast tumor and adjacent-normal breast tissue. Environmental Research, 2020, 186, 109535.	7.5	0
34	Estimating the Combined Effects of Natural and Built Environmental Exposures on Birthweight among Urban Residents in Massachusetts. International Journal of Environmental Research and Public Health, 2020, 17, 8805.	2.6	11
35	Low dose environmental radon exposure and breast tumor gene expression. BMC Cancer, 2020, 20, 695.	2.6	5
36	Race or racial segregation? Modification of the PM2.5 and cardiovascular mortality association. PLoS ONE, 2020, 15, e0236479.	2.5	16

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37	Long-term effects of latitude, ambient temperature, and ultraviolet radiation on the incidence of multiple sclerosis in two cohorts of US women. Environmental Epidemiology, 2020, 4, e0105.	3.0	8
38	The contribution of residential greenness to mortality among men with prostate cancer: a registry-based cohort study of Black and White men. Environmental Epidemiology, 2020, 4, e087.	3.0	20
39	Racial Disparities in Associations between Neighborhood Demographic Polarization and Birth Weight. International Journal of Environmental Research and Public Health, 2020, 17, 3076.	2.6	1
40	The association between neighborhood greenness and incidence of lethal prostate cancer. Environmental Epidemiology, 2020, 4, e091.	3.0	26
41	Association of particulate matter air pollution with leukocyte mitochondrial DNA copy number. Environment International, 2020, 141, 105761.	10.0	32
42	Embedding Mobile Health Technology into the Nurses' Health Study 3 to Study Behavioral Risk Factors for Cancer. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 736-743.	2.5	8
43	Prenatal Ambient Particulate Matter Exposure and Longitudinal Weight Growth Trajectories in Early Childhood. International Journal of Environmental Research and Public Health, 2020, 17, 1444.	2.6	16
44	Contribution of socioeconomic and environmental factors to geographic disparities in breast cancer risk in the Nursesâ€™ Health Study II. Environmental Epidemiology, 2020, 4, e080.	3.0	11
45	Dioxin exposure and breast cancer risk in a prospective cohort study. Environmental Research, 2020, 186, 109516.	7.5	26
46	Interaction between Long-Term Exposure to Fine Particulate Matter and Physical Activity, and Risk of Cardiovascular Disease and Overall Mortality in U.S. Women. Environmental Health Perspectives, 2020, 128, 127012.	6.0	40
47	Vitamin D, diet, and lifestyle in a chronic SCI population. Spinal Cord, 2019, 57, 117-127.	1.9	9
48	Spatial Analyses of Environmental Exposures and Breast Cancer: Natural Vegetation, Ambient Air Pollution and Outdoor Light at Night as Examples. Energy Balance and Cancer, 2019, , 189-219.	0.2	0
49	Telomere length in COPD: Relationships with physical activity, exercise capacity, and acute exacerbations. PLoS ONE, 2019, 14, e0223891.	2.5	10
50	Effects of Maternal Homelessness, Supplemental Nutrition Programs, and Prenatal PM2.5 on Birthweight. International Journal of Environmental Research and Public Health, 2019, 16, 4154.	2.6	19
51	Clinical associations with telomere length in chronic spinal cord injury. Spinal Cord, 2019, 57, 1084-1093.	1.9	4
52	Respiratory Health after Military Service in Southwest Asia and Afghanistan. An Official American Thoracic Society Workshop Report. Annals of the American Thoracic Society, 2019, 16, e1-e16.	3.2	52
53	Particulate Matter and Traffic-Related Exposures in Relation to Breast Cancer Survival. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 751-759.	2.5	24
54	Short-term effects of particle gamma radiation activities on pulmonary function in COPD patients. Environmental Research, 2019, 175, 221-227.	7.5	13

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55	Tap Water Contributions to Plasma Concentrations of Poly- and Perfluoroalkyl Substances (PFAS) in a Nationwide Prospective Cohort of U.S. Women. Environmental Health Perspectives, 2019, 127, 67006.	6.0	72
56	Playground lead levels in rubber, soil, sand, and mulch surfaces in Boston. PLoS ONE, 2019, 14, e0216156.	2.5	9
57	Neighborhood Greenness Attenuates the Adverse Effect of PM2.5 on Cardiovascular Mortality in Neighborhoods of Lower Socioeconomic Status. International Journal of Environmental Research and Public Health, 2019, 16, 814.	2.6	59
58	Effect of Residential Greenness and Nearby Parks on Respiratory and Allergic Diseases among Middle School Adolescents in a Chinese City. International Journal of Environmental Research and Public Health, 2019, 16, 991.	2.6	25
59	Greenness and Depression Incidence among Older Women. Environmental Health Perspectives, 2019, 127, 27001.	6.0	73
60	Ultraviolet radiation exposure and breast cancer risk in the Nursesâ€™ Health Study II. Environmental Epidemiology, 2019, 3, e057.	3.0	9
61	Case-crossover analysis of short-term particulate matter exposures and stroke in the health professionals follow-up study. Environment International, 2019, 124, 153-160.	10.0	35
62	Seasonal temperature variability and emergency hospital admissions for respiratory diseases: a population-based cohort study. Thorax, 2018, 73, 951-958.	5.6	65
63	The relationship between surrounding greenness in childhood and adolescence and depressive symptoms in adolescence and early adulthood. Annals of Epidemiology, 2018, 28, 213-219.	1.9	64
64	A Review of Epidemiologic Studies on Greenness and Health: Updated Literature Through 2017. Current Environmental Health Reports, 2018, 5, 77-87.	6.7	359
65	The Association Between Natural Environments and Depressive Symptoms in Adolescents Living in the United States. Journal of Adolescent Health, 2018, 62, 488-495.	2.5	70
66	Exposure to hazardous air pollutants and risk of incident breast cancer in the Nursesâ€™ Health Study II. Environmental Health, 2018, 17, 28.	4.0	25
67	Ambient PM2.5 air pollutionÂexposure and hepatocellular carcinoma incidence in the United States. Cancer Causes and Control, 2018, 29, 563-572.	1.8	55
68	Residential proximity to major roadways and traffic in relation to outcomes of in vitro fertilization. Environment International, 2018, 115, 239-246.	10.0	29
69	Indoor black carbon of outdoor origin and oxidative stress biomarkers in patients with chronic obstructive pulmonary disease. Environment International, 2018, 115, 188-195.	10.0	27
70	Plasma Leptin and Reduced FEV₁ and FVC in Chronic Spinal Cord Injury. PM and R, 2018, 10, 276-285.	1.6	5
71	Survival Analysis with Functions of Mismeasured Covariate Histories: The Case of Chronic Air Pollution Exposure in Relation to Mortality in the Nursesâ€™ Health Study. Journal of the Royal Statistical Society Series C: Applied Statistics, 2018, 67, 307-327.	1.0	5
72	Global estimates of mortality associated with long-term exposure to outdoor fine particulate matter. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9592-9597.	7.1	1,407

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73	National scale spatiotemporal land-use regression model for PM2.5, PM10 and NO2 concentration in China. Atmospheric Environment, 2018, 192, 48-54.	4.1	81
74	Indoor black carbon and biomarkers of systemic inflammation and endothelial activation in COPD patients. Environmental Research, 2018, 165, 358-364.	7.5	32
75	Aviation Noise and Cardiovascular Health in the United States: a Review of the Evidence and Recommendations for Research Direction. Current Epidemiology Reports, 2018, 5, 140-152.	2.4	23
76	GPS-Based Exposure to Greenness and Walkability and Accelerometry-Based Physical Activity. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 525-532.	2.5	69
77	Occupational exposures and determinants of ultrafine particle concentrations during laser hair removal procedures. Environmental Health, 2017, 16, 30.	4.0	23
78	Spatial and temporal determinants of A-weighted and frequency specific sound levelsâ€"An elastic net approach. Environmental Research, 2017, 159, 491-499.	7.5	12
79	The Characterization of Polycyclic Aromatic Hydrocarbons in Northeastern US Trucking Terminals. Annals of Work Exposures and Health, 2017, 61, 844-853.	1.4	0
80	Interrelationships Between Walkability, Air Pollution, Greenness, and Body Mass Index. Epidemiology, 2017, 28, 780-788.	2.7	63
81	Built Environment and Depression in Low-Income African Americans and Whites. American Journal of Preventive Medicine, 2017, 52, 74-84.	3.0	49
82	Residential particulate matter and distance to roadways in relation to mammographic density: results from the Nursesâ€™ Health Studies. Breast Cancer Research, 2017, 19, 124.	5.0	19
83	FEV1 and FVC and systemic inflammation in a spinal cord injury cohort. BMC Pulmonary Medicine, 2017, 17, 113.	2.0	10
84	Ambient ultraviolet radiation exposure and hepatocellular carcinoma incidence in the United States. Environmental Health, 2017, 16, 89.	4.0	10
85	Residential greenness: current perspectives on its impact on maternal health and pregnancy outcomes. International Journal of Women's Health, 2017, Volume 9, 133-144.	2.6	76
86	Outdoor Light at Night and Breast Cancer Incidence in the Nursesâ€™ Health Study II. Environmental Health Perspectives, 2017, 125, 087010.	6.0	118
87	Air Pollution and Risk of Parkinsonâ€™s Disease in a Large Prospective Study of Men. Environmental Health Perspectives, 2017, 125, 087011.	6.0	51
88	Exposure to Greenness and Mortality in a Nationwide Prospective Cohort Study of Women. Environmental Health Perspectives, 2016, 124, 1344-1352.	6.0	393
89	Long-Term Exposure to Particulate Matter and Self-Reported Hypertension: A Prospective Analysis in the Nursesâ€™ Health Study. Environmental Health Perspectives, 2016, 124, 1414-1420.	6.0	84
90	Long-term Particulate Matter Exposures during Adulthood and Risk of Breast Cancer Incidence in the Nurses' Health Study II Prospective Cohort. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 1274-1276.	2.5	55

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91	Spatiotemporal exposure modeling of ambient erythemal ultraviolet radiation. Environmental Health, 2016, 15, 111.	4.0	34
92	Air pollution affects lung cancer survival. Thorax, 2016, 71, 875-876.	5.6	5
93	Occupational vehicle-related particulate exposure and inflammatory markers in trucking industry workers. Environmental Research, 2016, 148, 310-317.	7.5	19
94	â€œSpatial Energeticsâ€• American Journal of Preventive Medicine, 2016, 51, 792-800.	3.0	66
95	Gene expression network analyses in response to air pollution exposures in the trucking industry. Environmental Health, 2016, 15, 101.	4.0	24
96	Particulate matter exposures and adult-onset asthma and COPD in the Nurses' Health Study. European Respiratory Journal, 2016, 48, 921-924.	6.7	24
97	Neighborhood walkability and particulate air pollution in a nationwide cohort of women. Environmental Research, 2015, 142, 703-711.	7.5	40
98	Effect Modification of Longâ€Term Air Pollution Exposures and the Risk of Incident Cardiovascular Disease in US Women. Journal of the American Heart Association, 2015, 4, .	3.7	73
99	Neighborhood Self-Selection: The Role of Pre-Move Health Factors on the Built and Socioeconomic Environment. International Journal of Environmental Research and Public Health, 2015, 12, 12489-12504.	2.6	62
100	Long-Term Ambient Residential Traffică€“Related Exposures and Measurement Errorâ€“Adjusted Risk of Incident Lung Cancer in the Netherlands Cohort Study on Diet and Cancer. Environmental Health Perspectives, 2015, 123, 860-866.	6.0	48
101	The relation between past exposure to fine particulate air pollution and prevalent anxiety: observational cohort study. BMJ, The, 2015, 350, h1111.	6.0	216
102	A Review of the Health Benefits of Greenness. Current Epidemiology Reports, 2015, 2, 131-142.	2.4	681
103	The association of long-term exposure to PM2.5 on all-cause mortality in the Nursesâ€™ Health Study and the impact of measurement-error correction. Environmental Health, 2015, 14, 38.	4.0	84
104	Pesticide exposure and hepatocellular carcinoma risk: A case-control study using a geographic information system (GIS) to link SEER-Medicare and California pesticide data. Environmental Research, 2015, 143, 68-82.	7.5	50
105	Short-Term Traffic-Related Exposures and Biomarkers of Nitro-PAH Exposure and Oxidative DNA Damage. Toxics, 2014, 2, 377-390.	3.7	22
106	Particulate Matter Air Pollution Exposure, Distance to Road, and Incident Lung Cancer in the Nursesâ€™ Health Study Cohort. Environmental Health Perspectives, 2014, 122, 926-932.	6.0	129
107	Air Pollution Exposures During Adulthood and Risk of Endometriosis in the Nursesâ€™ Health Study II. Environmental Health Perspectives, 2014, 122, 58-64.	6.0	13
108	Effects of buffer size and shape on associations between the built environment and energy balance. Health and Place, 2014, 27, 162-170.	3.3	145

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109	A structural approach to address the healthy-worker survivor effect in occupational cohorts: an application in the trucking industry cohort. Occupational and Environmental Medicine, 2014, 71, 442-447.	2.8	18
110	Roadway Proximity and Risk of Sudden Cardiac Death in Women. Circulation, 2014, 130, 1474-1482.	1.6	41
111	Spatio-temporal modeling of particulate air pollution in the conterminous United States using geographic and meteorological predictors. Environmental Health, 2014, 13, 63.	4.0	149
112	Traffic-related exposures and biomarkers of systemic inflammation, endothelial activation and oxidative stress: a panel study in the US trucking industry. Environmental Health, 2013, 12, 105.	4.0	54
113	Ambient air pollution exposures and risk of rheumatoid arthritis: results from the Swedish EIRA caseâ€“control study. Annals of the Rheumatic Diseases, 2013, 72, 888-894.	0.9	90
114	Ischaemic heart disease mortality and years of work in trucking industry workers. Occupational and Environmental Medicine, 2013, 70, 523-528.	2.8	22
115	Changes in Traffic Exposure and the Risk of Incident Myocardial Infarction and All-Cause Mortality. Epidemiology, 2013, 24, 734-742.	2.7	50
116	Ambient Air Pollution Exposures and Risk of Rheumatoid Arthritis. Arthritis Care and Research, 2013, 65, 1190-1196.	3.4	62
117	Urban Sprawl, Physical Activity, and Body Mass Index: Nursesâ€™ Health Study and Nursesâ€™ Health Study II. American Journal of Public Health, 2013, 103, 369-375.	2.7	51
118	Abstract MP41: Comparisons of Built Environment Characteristics Inside and Outside of Spatial Clusters of Physical Activity and Obesity in Older U.S. Women. Circulation, 2013, 127, .	1.6	0
119	Occupational diesel exhaust exposure as a risk factor for chronic obstructive pulmonary disease. Current Opinion in Pulmonary Medicine, 2012, 18, 151-154.	2.6	46
120	Plasma fluorescent oxidation products and shortâ€term occupational particulate exposures. American Journal of Industrial Medicine, 2012, 55, 953-960.	2.1	2
121	Are Particulate Matter Exposures Associated with Risk of Type 2 Diabetes?. Environmental Health Perspectives, 2011, 119, 384-389.	6.0	163
122	Long-Term Ambient Multipollutant Exposures and Mortality. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 73-78.	5.6	138
123	Particulate Matter Exposures, Mortality, and Cardiovascular Disease in the Health Professionals Follow-up Study. Environmental Health Perspectives, 2011, 119, 1130-1135.	6.0	120
124	A Retrospective Assessment of Occupational Exposure to Elemental Carbon in the U.S. Trucking Industry. Environmental Health Perspectives, 2011, 119, 997-1002.	6.0	21
125	Secondhand Smoke Exposure and Inflammatory Markers in Nonsmokers in the Trucking Industry. Environmental Health Perspectives, 2011, 119, 1294-1300.	6.0	22
126	Workplace Secondhand Smoke Exposure in the U.S. Trucking Industry. Environmental Health Perspectives, 2010, 118, 216-221.	6.0	9

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127	Exposure to Traffic Pollution and Increased Risk of Rheumatoid Arthritis. Environmental Health Perspectives, 2009, 117, 1065-1069.	6.0	186
128	Chronic Fine and Coarse Particulate Exposure, Mortality, and Coronary Heart Disease in the Nursesâ€™ Health Study. Environmental Health Perspectives, 2009, 117, 1697-1701.	6.0	296
129	Spatial Modeling of PM ₁₀ and NO ₂ in the Continental United States, 1985â€“2000. Environmental Health Perspectives, 2009, 117, 1690-1696.	6.0	66
130	Chronic obstructive pulmonary disease mortality in railroad workers. Occupational and Environmental Medicine, 2008, 66, 221-226.	2.8	35
131	Chronic Particulate Exposure, Mortality, and Coronary Heart Disease in the Nurses' Health Study. American Journal of Epidemiology, 2008, 168, 1161-1168.	3.4	130
132	Lung Cancer and Vehicle Exhaust in Trucking Industry Workers. Environmental Health Perspectives, 2008, 116, 1327-1332.	6.0	109
133	Cause-Specific Mortality in the Unionized U.S. Trucking Industry. Environmental Health Perspectives, 2007, 115, 1192-1196.	6.0	55
134	Overview of particulate exposures in the US trucking industry. Journal of Environmental Monitoring, 2006, 8, 711.	2.1	50
135	Smoking imputation and lung cancer in railroad workers exposed to diesel exhaust. American Journal of Industrial Medicine, 2006, 49, 709-718.	2.1	34
136	Smoking behavior in trucking industry workers. American Journal of Industrial Medicine, 2006, 49, 1013-1020.	2.1	25
137	Chronic Obstructive Pulmonary Disease Mortality in Diesel-Exposed RailroadWorkers. Environmental Health Perspectives, 2006, 114, 1013-1017.	6.0	41
138	Lung Cancer in Railroad Workers Exposed to Diesel Exhaust. Environmental Health Perspectives, 2004, 112, 1539-1543.	6.0	183
139	Residence Near a Major Road and Respiratory Symptoms in U.S. Veterans. Epidemiology, 2003, 14, 728-736.	2.7	82