

Jill Baumgartner

List of Publications by Year in descending order

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94
papers

3,116
citations

156536

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198040

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95
docs citations

95
times ranked

4146
citing authors

#	ARTICLE	IF	CITATIONS
1	Household Air Pollution and Blood Pressure, Vascular Damage, and Subclinical Indicators of Cardiovascular Disease in Older Chinese Adults. <i>American Journal of Hypertension</i> , 2022, 35, 121-131.	1.0	11
2	Nitrogen oxides (NO and NO ₂) pollution in the Accra metropolis: Spatiotemporal patterns and the role of meteorology. <i>Science of the Total Environment</i> , 2022, 803, 149931.	3.9	17
3	Statistical adjustments of environmental pollutants arising from multiple sources in epidemiologic studies: The role of markers of complex mixtures. <i>Atmospheric Environment</i> , 2022, 270, 118788.	1.9	3
4	Neighbourhood, built environment and children's outdoor play spaces in urban Ghana: Review of policies and challenges. <i>Landscape and Urban Planning</i> , 2022, 218, 104288.	3.4	8
5	A systematic review of household energy transition in low and middle income countries. <i>Energy Research and Social Science</i> , 2022, 86, 102463.	3.0	21
6	Quantifying within-city inequalities in child mortality across neighbourhoods in Accra, Ghana: a Bayesian spatial analysis. <i>BMJ Open</i> , 2022, 12, e054030.	0.8	5
7	Household air pollution from solid fuel use as a dose-dependent risk factor for cognitive impairment in northern China. <i>Scientific Reports</i> , 2022, 12, 6187.	1.6	6
8	Comparing human exposure to fine particulate matter in low and high-income countries: A systematic review of studies measuring personal PM _{2.5} exposure. <i>Science of the Total Environment</i> , 2022, 833, 155207.	3.9	15
9	Wildfire, Smoke Exposure, Human Health, and Environmental Justice Need to be Integrated into Forest Restoration and Management. <i>Current Environmental Health Reports</i> , 2022, 9, 366-385.	3.2	31
10	Socioeconomic and Demographic Associations with Wintertime Air Pollution Exposures at Household, Community, and District Scales in Rural Beijing, China. <i>Environmental Science & Technology</i> , 2022, 56, 8308-8318.	4.6	5
11	A feasibility study of metabolic phenotyping of dried blood spot specimens in rural Chinese women exposed to household air pollution. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 328-344.	1.8	6
12	Dried blood spots to characterize mercury speciation and exposure in a Colombian artisanal and small-scale gold mining community. <i>Chemosphere</i> , 2021, 266, 129001.	4.2	13
13	Assessing the Policy Landscape for Salt Reduction in South-East Asian and Latin American Countries – An Initiative Towards Developing an Easily Accessible, Integrated, Searchable Online Repository. <i>Global Heart</i> , 2021, 16, 49.	0.9	4
14	Cytotoxicity and chemical composition of women's personal PM _{2.5} exposures from rural China. <i>Environmental Science Atmospheres</i> , 2021, 1, 359-371.	0.9	2
15	Planetary Health: Protecting Nature to Protect Ourselves. Samuel Myers and Howard Frumkin (eds). <i>International Journal of Epidemiology</i> , 2021, 50, 697-698.	0.9	3
16	Predicting Within-City Variations in Ultrafine Particle and Black Carbon Concentrations in Bucaramanga, Columbia Using Open Source Data and Images. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
17	The role of village spillover and stove use on wintertime outdoor PM _{2.5} in villages transitioning to clean heating in China. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
18	Identifying vulnerable urban neighbourhoods and their environmental, density, and housing characteristics in Accra, Ghana using census and remote sensing data. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0

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19	Quantifying within-city inequalities in child mortality across neighbourhoods in Accra, Ghana. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
20	The influence of heating energy on indoor air quality and its association with socioeconomic status in rural Beijing. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
21	Effects of indoor and outdoor temperatures on blood pressure and central hemodynamics in a wintertime panel of peri-urban Chinese adults. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
22	Predicting Within-City Spatial Variations in Outdoor Ultrafine Particle and Black Carbon Concentrations in Bucaramanga, Colombia: A Hybrid Approach Using Open-Source Geographic Data and Digital Images. Environmental Science & Technology, 2021, 55, 12483-12492.	4.6	16
23	Personal exposure to PM _{2.5} of indoor and outdoor origin in two neighboring Chinese communities with contrasting household fuel use patterns. Science of the Total Environment, 2021, 800, 149421.	3.9	8
24	Determinants of personal exposure to PM _{2.5} and black carbon in Chinese adults: A repeated-measures study in villages using solid fuel energy. Environment International, 2021, 146, 106297.	4.8	18
25	Trends and Inequalities in the Incidence of Acute Myocardial Infarction among Beijing Townships, 2007–2018. International Journal of Environmental Research and Public Health, 2021, 18, 12276.	1.2	6
26	Chemical Investigation of Household Solid Fuel Use and Outdoor Air Pollution Contributions to Personal PM _{2.5} Exposures. Environmental Science & Technology, 2021, 55, 15969-15979.	4.6	11
27	Impacts of stove/fuel use and outdoor air pollution on chemical composition of household particulate matter. Indoor Air, 2020, 30, 294-305.	2.0	16
28	Diverse heating demands of a household based on occupant control behavior of individual heating equipment. Energy and Buildings, 2020, 207, 109612.	3.1	15
29	Household transitions to clean energy in a multiprovincial cohort study in China. Nature Sustainability, 2020, 3, 42-50.	11.5	92
30	Measurement of Personal Experienced Temperature Variations in Rural Households Using Wearable Monitors: A Pilot Study. International Journal of Environmental Research and Public Health, 2020, 17, 6761.	1.2	6
31	Systems Science Approaches for Global Environmental Health Research: Enhancing Intervention Design and Implementation for Household Air Pollution (HAP) and Water, Sanitation, and Hygiene (WASH) Programs. Environmental Health Perspectives, 2020, 128, 105001.	2.8	22
32	Acute cardiovascular health effects in a panel study of personal exposure to traffic-related air pollutants and noise in Toronto, Canada. Scientific Reports, 2020, 10, 16703.	1.6	19
33	High-resolution spatiotemporal measurement of air and environmental noise pollution in Sub-Saharan African cities: Pathways to Equitable Health Cities Study protocol for Accra, Ghana. BMJ Open, 2020, 10, e035798.	0.8	18
34	The role of cities in reducing the cardiovascular impacts of environmental pollution in low- and middle-income countries. BMC Medicine, 2020, 18, 39.	2.3	17
35	Household Air Pollution and CVD: Identifying Best Directions for Research. Global Heart, 2020, 7, 271.	0.9	1
36	Accessibility and allocation of public parks and gardens in England and Wales: A COVID-19 social distancing perspective. PLoS ONE, 2020, 15, e0241102.	1.1	81

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37	Estimated Aerosol Health and Radiative Effects of the Residential Coal Ban in the Beijing-Tianjin-Hebei Region of China. <i>Aerosol and Air Quality Research</i> , 2020, 20, 2332-2346.	0.9	8
38	Title is missing!. , 2020, 15, e0241102.		0
39	Title is missing!. , 2020, 15, e0241102.		0
40	Title is missing!. , 2020, 15, e0241102.		0
41	Title is missing!. , 2020, 15, e0241102.		0
42	Chemical composition and source apportionment of ambient, household, and personal exposures to PM _{2.5} in communities using biomass stoves in rural China. <i>Science of the Total Environment</i> , 2019, 646, 309-319.	3.9	55
43	Exposureâ€“Response Associations of Household Air Pollution and Buccal Cell Telomere Length in Women Using Biomass Stoves. <i>Environmental Health Perspectives</i> , 2019, 127, 87004.	2.8	15
44	Longitudinal evaluation of a household energy package on blood pressure, central hemodynamics, and arterial stiffness in China. <i>Environmental Research</i> , 2019, 177, 108592.	3.7	17
45	Source Apportionment of Fine-Particle, Water-Soluble Organic Nitrogen and Its Association with the Inflammatory Potential of Lung Epithelial Cells. <i>Environmental Science & Technology</i> , 2019, 53, 9845-9854.	4.6	36
46	Aligning evidence generation and use across health, development, and environment. <i>Current Opinion in Environmental Sustainability</i> , 2019, 39, 81-93.	3.1	16
47	A global perspective on national climate mitigation priorities in the context of air pollution and sustainable development. <i>City and Environment Interactions</i> , 2019, 1, 100003.	1.8	22
48	The Oxidative Potential of Personal and Household PM _{2.5} in a Rural Setting in Southwestern China. <i>Environmental Science & Technology</i> , 2019, 53, 2788-2798.	4.6	38
49	Effectiveness of a Household Energy Package in Improving Indoor Air Quality and Reducing Personal Exposures in Rural China. <i>Environmental Science & Technology</i> , 2019, 53, 9306-9316.	4.6	30
50	Differences in chemical composition of PM _{2.5} emissions from traditional versus advanced combustion (semi-gasifier) solid fuel stoves. <i>Chemosphere</i> , 2019, 233, 852-861.	4.2	24
51	Population health impacts of China's climate change policies. <i>Environmental Research</i> , 2019, 175, 178-185.	3.7	16
52	An evaluation of air quality, home heating and well-being under Beijingâ€™s programme to eliminate household coal use. <i>Nature Energy</i> , 2019, 4, 416-423.	19.8	115
53	Iran in transition. <i>Lancet, The</i> , 2019, 393, 1984-2005.	6.3	131
54	Household Energy Solutions in Low and Middle Income Countries. , 2019, , 494-509.		0

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55	Real-time combustion rate of wood charcoal in the heating fire basin: Direct measurement and its correlation to CO emissions. <i>Environmental Pollution</i> , 2019, 245, 38-45.	3.7	16
56	Developing a Clinical Approach to Air Pollution and Cardiovascular Health. <i>Circulation</i> , 2018, 137, 725-742.	1.6	84
57	Household air pollution and measures of blood pressure, arterial stiffness and central haemodynamics. <i>Heart</i> , 2018, 104, 1515-1521.	1.2	62
58	Impacts of stove use patterns and outdoor air quality on household air pollution and cardiovascular mortality in southwestern China. <i>Environment International</i> , 2018, 117, 116-124.	4.8	48
59	Impacts of exposure to black carbon, elemental carbon, and ultrafine particles from indoor and outdoor sources on blood pressure in adults: A review of epidemiological evidence. <i>Environmental Research</i> , 2018, 161, 345-353.	3.7	84
60	Elevated blood pressure and household solid fuel use in premenopausal women: Analysis of 12 Demographic and Health Surveys (DHS) from 10 countries. <i>Environmental Research</i> , 2018, 160, 499-505.	3.7	56
61	The impact of cookstove operation on PM2.5 and CO emissions: A comparison of laboratory and field measurements. <i>Environmental Pollution</i> , 2018, 243, 1087-1095.	3.7	39
62	Real-time indoor measurement of health and climate-relevant air pollution concentrations during a carbon-finance-approved cookstove intervention in rural India. <i>Development Engineering</i> , 2018, 3, 125-132.	1.4	13
63	Development of renewable, densified biomass for household energy in China. <i>Energy for Sustainable Development</i> , 2018, 46, 42-52.	2.0	39
64	Effect on blood pressure and eye health symptoms in a climate-financed randomized cookstove intervention study in rural India. <i>Environmental Research</i> , 2018, 166, 658-667.	3.7	20
65	A Multi-Provincial Study of Air Pollution Exposure in Rural and Peri-Urban China. <i>ISEE Conference Abstracts</i> , 2018, 2018, .	0.0	1
66	Particulate matter chemical component concentrations and sources in settings of household solid fuel use. <i>Indoor Air</i> , 2017, 27, 1052-1066.	2.0	35
67	Sample Size Estimation for Random-effects Models. <i>Epidemiology</i> , 2017, 28, 817-826.	1.2	11
68	A user-centered, iterative engineering approach for advanced biomass cookstove design and development. <i>Environmental Research Letters</i> , 2017, 12, 095009.	2.2	32
69	Assessing Exposure to Household Air Pollution: A Systematic Review and Pooled Analysis of Carbon Monoxide as a Surrogate Measure of Particulate Matter. <i>Environmental Health Perspectives</i> , 2017, 125, 076002.	2.8	61
70	A panel study of the acute effects of personal exposure to household air pollution on ambulatory blood pressure in rural Indian women. <i>Environmental Research</i> , 2016, 147, 331-342.	3.7	54
71	The Regional Impacts of Cooking and Heating Emissions on Ambient Air Quality and Disease Burden in China. <i>Environmental Science & Technology</i> , 2016, 50, 9416-9423.	4.6	66
72	The oxidative potential of PM2.5 exposures from indoor and outdoor sources in rural China. <i>Science of the Total Environment</i> , 2016, 571, 1477-1489.	3.9	58

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73	Seasonal variation in outdoor, indoor, and personal air pollution exposures of women using wood stoves in the Tibetan Plateau: Baseline assessment for an energy intervention study. <i>Environment International</i> , 2016, 94, 449-457.	4.8	108
74	Health and Climate-Relevant Pollutant Concentrations from a Carbon-Finance Approved Cookstove Intervention in Rural India. <i>Environmental Science & Technology</i> , 2016, 50, 7228-7238.	4.6	74
75	Seasonal and Diurnal Air Pollution from Residential Cooking and Space Heating in the Eastern Tibetan Plateau. <i>Environmental Science & Technology</i> , 2016, 50, 8353-8361.	4.6	65
76	Studies of Household Air Pollution and Subclinical Indicators of Cardiovascular Disease Fill Important Knowledge Gaps. <i>Journal of Clinical Hypertension</i> , 2016, 18, 481-481.	1.0	4
77	Source apportionment of Beijing air pollution during a severe winter haze event and associated pro-inflammatory responses in lung epithelial cells. <i>Atmospheric Environment</i> , 2016, 126, 28-35.	1.9	88
78	Source apportionment of air pollution exposures of rural Chinese women cooking with biomass fuels. <i>Atmospheric Environment</i> , 2015, 104, 79-87.	1.9	49
79	Are Randomized Trials Necessary to Advance Epidemiologic Research on Household Air Pollution?. <i>Current Epidemiology Reports</i> , 2015, 2, 263-270.	1.1	10
80	Increased risk of respiratory illness associated with kerosene fuel use among women and children in urban Bangalore, India. <i>Occupational and Environmental Medicine</i> , 2015, 72, 114-122.	1.3	23
81	Highway proximity and black carbon from cookstoves as a risk factor for higher blood pressure in rural China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13229-13234.	3.3	175
82	Current debates and future research needs in the clean cookstove sector. <i>Energy for Sustainable Development</i> , 2014, 20, 49-57.	2.0	79
83	A feasibility study of the association of exposure to biomass smoke with vascular function, inflammation, and cellular aging. <i>Environmental Research</i> , 2014, 135, 165-172.	3.7	71
84	Pollutant Emissions and Energy Efficiency of Chinese Gasifier Cooking Stoves and Implications for Future Intervention Studies. <i>Environmental Science & Technology</i> , 2014, 48, 6461-6467.	4.6	97
85	Oxidative Potential and Inflammatory Impacts of Source Apportioned Ambient Air Pollution in Beijing. <i>Environmental Science & Technology</i> , 2014, 48, 12920-12929.	4.6	157
86	Household Air Pollution and Children's Blood Pressure. <i>Epidemiology</i> , 2012, 23, 641-642.	1.2	18
87	Understanding the Challenges and Rewards of Social-Ecological Research in China. <i>Society and Natural Resources</i> , 2012, 25, 1324-1329.	0.9	4
88	Reducing CVD Through Improvements in Household Energy: Implications for Policy-Relevant Research. <i>Global Heart</i> , 2012, 7, 243.	0.9	21
89	Cultivating a Demand for Clean Cookstoves. <i>Science</i> , 2011, 334, 1636-1637.	6.0	7
90	Indoor Air Pollution and Blood Pressure in Adult Women Living in Rural China. <i>Environmental Health Perspectives</i> , 2011, 119, 1390-1395.	2.8	211

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91	Indoor Charcoal Smoke and Acute Respiratory Infections in Young Children in the Dominican Republic. American Journal of Epidemiology, 2008, 169, 572-580.	1.6	45
92	Study protocol: The INTERMAP China Prospective (ICP) study. Wellcome Open Research, 0, 4, 154.	0.9	6
93	Study protocol: The INTERMAP China Prospective (ICP) study. Wellcome Open Research, 0, 4, 154.	0.9	4
94	Synthesizing the links between secure housing tenure and health for more equitable cities. Wellcome Open Research, 0, 7, 18.	0.9	2