

Jill Baumgartner

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

3,116
citations

136950

32
h-index

175258

52
g-index

95
all docs

95
docs citations

95
times ranked

3671
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. | 2.0 | 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. | 8.0 | 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. | 4.1 | 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. | 7.5 | 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. | 6.4 | 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. | 1.9 | 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. | 3.3 | 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. | 8.0 | 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. | 6.7 | 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. | 10.0 | 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. | 3.9 | 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. | 8.2 | 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. | 2.3 | 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. | 2.4 | 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. | 1.9 | 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. | 10.0 | 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. | 8.0 | 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. | 10.0 | 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. | 2.6 | 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. | 10.0 | 11 |
| 27 | Impacts of stove/fuel use and outdoor air pollution on chemical composition of household particulate matter. Indoor Air, 2020, 30, 294-305. | 4.3 | 16 |
| 28 | Diverse heating demands of a household based on occupant control behavior of individual heating equipment. Energy and Buildings, 2020, 207, 109612. | 6.7 | 15 |
| 29 | Household transitions to clean energy in a multiprovincial cohort study in China. Nature Sustainability, 2020, 3, 42-50. | 23.7 | 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. | 2.6 | 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. | 6.0 | 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. | 3.3 | 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. | 1.9 | 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. | 5.5 | 17 |
| 35 | Household Air Pollution and CVD: Identifying Best Directions for Research. Global Heart, 2020, 7, 271. | 2.3 | 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. | 2.5 | 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. Aerosol and Air Quality Research, 2020, 20, 2332-2346. | 2.1 | 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. Science of the Total Environment, 2019, 646, 309-319. | 8.0 | 55 |
| 43 | Exposure-Response Associations of Household Air Pollution and Buccal Cell Telomere Length in Women Using Biomass Stoves. Environmental Health Perspectives, 2019, 127, 87004. | 6.0 | 15 |
| 44 | Longitudinal evaluation of a household energy package on blood pressure, central hemodynamics, and arterial stiffness in China. Environmental Research, 2019, 177, 108592. | 7.5 | 17 |
| 45 | Source Apportionment of Fine-Particle, Water-Soluble Organic Nitrogen and Its Association with the Inflammatory Potential of Lung Epithelial Cells. Environmental Science & Technology, 2019, 53, 9845-9854. | 10.0 | 36 |
| 46 | Aligning evidence generation and use across health, development, and environment. Current Opinion in Environmental Sustainability, 2019, 39, 81-93. | 6.3 | 16 |
| 47 | A global perspective on national climate mitigation priorities in the context of air pollution and sustainable development. City and Environment Interactions, 2019, 1, 100003. | 4.2 | 22 |
| 48 | The Oxidative Potential of Personal and Household PM _{2.5} in a Rural Setting in Southwestern China. Environmental Science & Technology, 2019, 53, 2788-2798. | 10.0 | 38 |
| 49 | Effectiveness of a Household Energy Package in Improving Indoor Air Quality and Reducing Personal Exposures in Rural China. Environmental Science & Technology, 2019, 53, 9306-9316. | 10.0 | 30 |
| 50 | Differences in chemical composition of PM _{2.5} emissions from traditional versus advanced combustion (semi-gasifier) solid fuel stoves. Chemosphere, 2019, 233, 852-861. | 8.2 | 24 |
| 51 | Population health impacts of China's climate change policies. Environmental Research, 2019, 175, 178-185. | 7.5 | 16 |
| 52 | An evaluation of air quality, home heating and well-being under Beijing's programme to eliminate household coal use. Nature Energy, 2019, 4, 416-423. | 39.5 | 115 |
| 53 | Iran in transition. Lancet, The, 2019, 393, 1984-2005. | 13.7 | 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. | 7.5 | 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. | 2.9 | 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. | 10.0 | 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. | 7.5 | 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. | 7.5 | 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. | 7.5 | 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. | 1.8 | 13 |
| 63 | Development of renewable, densified biomass for household energy in China. <i>Energy for Sustainable Development</i> , 2018, 46, 42-52. | 4.5 | 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. | 7.5 | 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. | 4.3 | 35 |
| 67 | Sample Size Estimation for Random-effects Models. <i>Epidemiology</i> , 2017, 28, 817-826. | 2.7 | 11 |
| 68 | A user-centered, iterative engineering approach for advanced biomass cookstove design and development. <i>Environmental Research Letters</i> , 2017, 12, 095009. | 5.2 | 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. | 6.0 | 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. | 7.5 | 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. | 10.0 | 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. | 8.0 | 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. | 10.0 | 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. | 10.0 | 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. | 10.0 | 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. | 2.0 | 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. | 4.1 | 88 |
| 78 | Source apportionment of air pollution exposures of rural Chinese women cooking with biomass fuels. <i>Atmospheric Environment</i> , 2015, 104, 79-87. | 4.1 | 49 |
| 79 | Are Randomized Trials Necessary to Advance Epidemiologic Research on Household Air Pollution?. <i>Current Epidemiology Reports</i> , 2015, 2, 263-270. | 2.4 | 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. | 2.8 | 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. | 7.1 | 175 |
| 82 | Current debates and future research needs in the clean cookstove sector. <i>Energy for Sustainable Development</i> , 2014, 20, 49-57. | 4.5 | 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. | 7.5 | 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. | 10.0 | 97 |
| 85 | Oxidative Potential and Inflammatory Impacts of Source Apportioned Ambient Air Pollution in Beijing. <i>Environmental Science & Technology</i> , 2014, 48, 12920-12929. | 10.0 | 157 |
| 86 | Household Air Pollution and Children's Blood Pressure. <i>Epidemiology</i> , 2012, 23, 641-642. | 2.7 | 18 |
| 87 | Understanding the Challenges and Rewards of Social-Ecological Research in China. <i>Society and Natural Resources</i> , 2012, 25, 1324-1329. | 1.9 | 4 |
| 88 | Reducing CVD Through Improvements in Household Energy: Implications for Policy-Relevant Research. <i>Global Heart</i> , 2012, 7, 243. | 2.3 | 21 |
| 89 | Cultivating a Demand for Clean Cookstoves. <i>Science</i> , 2011, 334, 1636-1637. | 12.6 | 7 |
| 90 | Indoor Air Pollution and Blood Pressure in Adult Women Living in Rural China. <i>Environmental Health Perspectives</i> , 2011, 119, 1390-1395. | 6.0 | 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. | 3.4 | 45 |
| 92 | Study protocol: The INTERMAP China Prospective (ICP) study. Wellcome Open Research, 0, 4, 154. | 1.8 | 6 |
| 93 | Study protocol: The INTERMAP China Prospective (ICP) study. Wellcome Open Research, 0, 4, 154. | 1.8 | 4 |
| 94 | Synthesizing the links between secure housing tenure and health for more equitable cities. Wellcome Open Research, 0, 7, 18. | 1.8 | 2 |