# Michael A Johnson

List of Publications by Year
in descending order



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|---|---|---|---|
| 49 papers | 2,289 citations | 218592 26 h-index | 223716 46 g-index |
| 51 all docs | 51 docs citations | 51 times ranked | 2216 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Effects of a Liquefied Petroleum Gas Stove Intervention on Gestational Blood Pressure: Intention-to-Treat and Exposure-Response Findings From the HAPIN Trial. Hypertension, 2022, 79, 1887-1898. | 1.3 | 7 |
| 2 | Modeling approaches and performance for estimating personal exposure to household air pollution: A case study in Kenya. Indoor Air, 2021, 31, 1441-1457. | 2.0 | 15 |
| 3 | Are cleaner cooking solutions clean enough? A systematic review and meta-analysis of particulate and carbon monoxide concentrations and exposures. Environmental Research Letters, 2021, 16, 083002. | 2.2 | 43 |
| 4 | LPG stove and fuel intervention among pregnant women reduce fine particle air pollution exposures in three countries: Pilot results from the HAPIN trial. Environmental Pollution, 2021, 291, 118198. | 3.7 | 18 |
| 5 | Evaluating the Effects of Access to Air Quality Data on Household Air Pollution and Exposureâ€"An Interrupted Time Series Experimental Study in Rwanda. Sustainability, 2021, 13, 11523. | 1.6 | 6 |
| 6 | The use of bluetooth low energy Beacon systems to estimate indirect personal exposure to household air pollution. Journal of Exposure Science and Environmental Epidemiology, 2020, 30, 990-1000. | 1.8 | 16 |
| 7 | Comparison of nextâ€generation portable pollution monitors to measure exposure to PM <sub>2.5</sub> from household air pollution in Puno, Peru. Indoor Air, 2020, 30, 445-458. | 2.0 | 12 |
| 8 | The Shamba Chef Educational Entertainment Program to Promote Modern Cookstoves in Kenya: Outcomes and Doseâ€"Response Analysis. International Journal of Environmental Research and Public Health, 2020, 17, 162. | 1.2 | 6 |
| 9 | Exposure contrasts associated with a liquefied petroleum gas (LPG) intervention at potential field sites for the multi-country household air pollution intervention network (HAPIN) trial in India: results from pilot phase activities in rural Tamil Nadu. BMC Public Health, 2020, 20, 1799. | 1.2 | 14 |
| 10 | Comparing regional stoveâ€usage patterns and using those patterns to model indoor air quality impacts. Indoor Air, 2020, 30, 521-533. | 2.0 | 7 |
| 11 | Design and Rationale of the HAPIN Study: A Multicountry Randomized Controlled Trial to Assess the Effect of Liquefied Petroleum Gas Stove and Continuous Fuel Distribution. Environmental Health Perspectives, 2020, 128, 47008. | 2.8 | 72 |
| 12 | Air Pollutant Exposure and Stove Use Assessment Methods for the Household Air Pollution Intervention Network (HAPIN) Trial. Environmental Health Perspectives, 2020, 128, 47009. | 2.8 | 36 |
| 13 | In-Home Emissions Performance of Cookstoves in Asia and Africa. Atmosphere, 2019, 10, 290. | 1.0 | 25 |
| 14 | Measuring personal exposure to fine particulate matter (PM2.5) among rural Honduran women: A field evaluation of the Ultrasonic Personal Aerosol Sampler (UPAS). Environment International, 2019, 123, 50-53. | 4.8 | 31 |
| 15 | Aerosol Optical Properties and Climate Implications of Emissions from Traditional and Improved Cookstoves. Environmental Science & Technology, 2018, 52, 13647-13656. | 4.6 | 9 |
| 16 | Fugitive Emissions and Health Implications of Plancha-Type Stoves. Environmental Science & Technology, 2018, 52, 10848-10855. | 4.6 | 34 |
| 17 | Field measurements of solid-fuel cookstove emissions from uncontrolled cooking in China, Honduras, Uganda, and India. Atmospheric Environment, 2018, 190, 116-125. | 1.9 | 52 |
| 18 | Building a consumer market for ethanol-methanol cooking fuel in Lagos, Nigeria. Energy for Sustainable Development, 2018, 46, 65-70. | 2.0 | 19 |

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|---|---|---|---|
| 19 | Evaluation of Behavior Change Communication Campaigns to Promote Modern Cookstove Purchase and Use in Lower Middle Income Countries. International Journal of Environmental Research and Public Health, 2018, 15, 11. | 1.2 | 28 |
| 20 | The Firepower Sweep Test: A novel approach to cookstove laboratory testing. Indoor Air, 2018, 28, 936-949. | 2.0 | 23 |
| 21 | Using personal exposure measurements of particulate matter to estimate health impacts associated with cooking in peri-urban Accra, Ghana. Energy for Sustainable Development, 2018, 45, 190-197. | 2.0 | 17 |
| 22 | Prevalent degradation and patterns of use, maintenance, repair, and access to post-acquisition services for biomass stoves in Peru. Energy for Sustainable Development, 2018, 45, 79-87. | 2.0 | 14 |
| 23 | Exposures to PM2.5 Associated with LPG Stove and Fuel Interventions in Four Countries: Pilot Results from the HAPIN Trial. ISEE Conference Abstracts, 2018, 2018, . | 0.0 | 4 |
| 24 | Black carbon cookstove emissions: A field assessment of 19 stove/fuel combinations. Atmospheric Environment, 2017, 169, 140-149. | 1.9 | 70 |
| 25 | Seasonal fuel consumption, stoves, and end-uses in rural households of the far-western development region of Nepal. Environmental Research Letters, 2017, 12, 125011. | 2.2 | 23 |
| 26 | Small, Smart, Fast, and Cheap: Microchip-Based Sensors to Estimate Air Pollution Exposures in Rural Households. Sensors, 2017, 17, 1879. | 2.1 | 35 |
| 27 | Quantitative Guidance for Stove Usage and Performance to Achieve Health and Environmental Targets. Environmental Health Perspectives, 2015, 123, 820-826. | 2.8 | 123 |
| 28 | Factors Influencing the Acquisition and Correct and Consistent Use of the Top-Lit Updraft Cookstove in Uganda. Journal of Health Communication, 2015, 20, 76-83. | 1.2 | 21 |
| 29 | Quantitative Stove Use and Ventilation Guidance for Behavior Change Strategies. Journal of Health Communication, 2015, 20, 6-9. | 1.2 | 17 |
| 30 | Impacts of household energy programs on fuel consumption in Benin, Uganda, and India. Energy for Sustainable Development, 2015, 27, 168-173. | 2.0 | 18 |
| 31 | Maximizing the benefits of improved cookstoves: moving from acquisition to correct and consistent use. Global Health, Science and Practice, 2014, 2, 268-274. | 0.6 | 47 |
| 32 | Lumbar Spinal Stenosis and Lower Extremity Motor Control: The Impact of Walking-Induced Strain on a Performance-Based Outcome Measure. Journal of Manipulative and Physiological Therapeutics, 2014, 37, 602-609. | 0.4 | 7 |
| 33 | Assessing the Impact of Water Filters and Improved Cook Stoves on Drinking Water Quality and Household Air Pollution: A Randomised Controlled Trial in Rwanda. PLoS ONE, 2014, 9, e91011. | 1.1 | 91 |
| 34 | Impacts on household fuel consumption from biomass stove programs in India, Nepal, and Peru. Energy for Sustainable Development, 2013, 17, 403-411. | 2.0 | 31 |
| 35 | A low-cost particle counter as a realtime fine-particle mass monitor. Environmental Sciences: Processes and Impacts, 2013, 15, 433-439. | 1.7 | 100 |
| 36 | Promoting Smoke-Free Homes: A Novel Behavioral Intervention Using Real-Time Audio-Visual Feedback on Airborne Particle Levels. PLoS ONE, 2013, 8, e73251. | 1.1 | 52 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Household Light Makes Global Heat: High Black Carbon Emissions From Kerosene Wick Lamps. Environmental Science & Technology, 2012, 46, 13531-13538. | 4.6 | 134 |
| 38 | Modeling indoor air pollution from cookstove emissions in developing countries using a Monte Carlo single-box model. Atmospheric Environment, 2011, 45, 3237-3243. | 1.9 | 84 |
| 39 | Improved stove programs need robust methods to estimate carbon offsets. Climatic Change, 2010, 102, 641-649. | 1.7 | 29 |
| 40 | Beyond fuelwood savings: Valuing the economic benefits of introducing improved biomass cookstoves in the PurÃ©pecha region of Mexico. Ecological Economics, 2010, 69, 2598-2605. | 2.9 | 108 |
| 41 | Indoor particle size distributions in homes with open fires and improved Patsari cook stovesâ˜†. Atmospheric Environment, 2010, 44, 2881-2886. | 1.9 | 58 |
| 42 | New Approaches to Performance Testing of Improved Cookstoves. Environmental Science & Technology, 2010, 44, 368-374. | 4.6 | 78 |
| 43 | Quantification of Carbon Savings from Improved Biomass Cookstove Projects. Environmental Science & Technology, 2009, 43, 2456-2462. | 4.6 | 85 |
| 44 | Reduction in personal exposures to particulate matter and carbon monoxide as a result of the installation of a Patsari improved cook stove in Michoacan Mexico. Indoor Air, 2008, 18, 93-105. | 2.0 | 112 |
| 45 | In-field greenhouse gas emissions from cookstoves in rural Mexican households. Atmospheric Environment, 2008, 42, 1206-1222. | 1.9 | 173 |
| 46 | An inexpensive light-scattering particle monitor: field validation. Journal of Environmental Monitoring, 2007, 9, 1099. | 2.1 | 59 |
| 47 | Impact of Patsari improved cookstoves on indoor air quality in MichoacÃ¡n, Mexico. Energy for Sustainable Development, 2007, 11, 45-56. | 2.0 | 116 |
| 48 | The impact of improved wood-burning stoves on fine particulate matter concentrations in rural Mexican homes. Journal of Exposure Science and Environmental Epidemiology, 2007, 17, 224-232. | 1.8 | 87 |
| 49 | Application of Real-time Particle Sensors to Help Mitigate Exposures of Wildland Firefighters. Archives of Environmental and Occupational Health, 2005, 60, 40-43. | 0.7 | 20 |