

Jill E Johnston

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,199
citations

361296

20
h-index

395590

33
g-index

45
all docs

45
docs citations

45
times ranked

1476
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Low-Cost Air Quality Monitoring Tools: From Research to Practice (A Workshop Summary). <i>Sensors</i> , 2017, 17, 2478. | 2.1 | 144 |
| 2 | Impact of upstream oil extraction and environmental public health: A review of the evidence. <i>Science of the Total Environment</i> , 2019, 657, 187-199. | 3.9 | 120 |
| 3 | Maternal Cadmium Levels during Pregnancy Associated with Lower Birth Weight in Infants in a North Carolina Cohort. <i>PLoS ONE</i> , 2014, 9, e109661. | 1.1 | 99 |
| 4 | Wastewater Disposal Wells, Fracking, and Environmental Injustice in Southern Texas. <i>American Journal of Public Health</i> , 2016, 106, 550-556. | 1.5 | 71 |
| 5 | Chemical Exposures, Health, and Environmental Justice in Communities Living on the Fenceline of Industry. <i>Current Environmental Health Reports</i> , 2020, 7, 48-57. | 3.2 | 66 |
| 6 | Study Design, Protocol and Profile of the Maternal And Developmental Risks from Environmental and Social Stressors (MADRES) Pregnancy Cohort: a Prospective Cohort Study in Predominantly Low-Income Hispanic Women in Urban Los Angeles. <i>BMC Pregnancy and Childbirth</i> , 2019, 19, 189. | 0.9 | 49 |
| 7 | Flaring from Unconventional Oil and Gas Development and Birth Outcomes in the Eagle Ford Shale in South Texas. <i>Environmental Health Perspectives</i> , 2020, 128, 77003. | 2.8 | 46 |
| 8 | Characterizing Flaring from Unconventional Oil and Gas Operations in South Texas Using Satellite Observations. <i>Environmental Science & Technology</i> , 2019, 53, 2220-2228. | 4.6 | 42 |
| 9 | Assessing a low-cost methane sensor quantification system for use in complex rural and urban environments. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 3569-3594. | 1.2 | 38 |
| 10 | Environmental Justice Dimensions of Oil and Gas Flaring in South Texas: Disproportionate Exposure among Hispanic communities. <i>Environmental Science & Technology</i> , 2020, 54, 6289-6298. | 4.6 | 36 |
| 11 | Lead and Arsenic in Shed Deciduous Teeth of Children Living Near a Lead-Acid Battery Smelter. <i>Environmental Science & Technology</i> , 2019, 53, 6000-6006. | 4.6 | 35 |
| 12 | Youth Engaged Participatory Air Monitoring: A "Day in the Life"™ in Urban Environmental Justice Communities. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 93. | 1.2 | 34 |
| 13 | The disappearing Salton Sea: A critical reflection on the emerging environmental threat of disappearing saline lakes and potential impacts on children's health. <i>Science of the Total Environment</i> , 2019, 663, 804-817. | 3.9 | 31 |
| 14 | An applied environmental justice framework for exposure science. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2023, 33, 1-11. | 1.8 | 28 |
| 15 | Spatiotemporal variability of tetrachloroethylene in residential indoor air due to vapor intrusion: a longitudinal, community-based study. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2014, 24, 564-571. | 1.8 | 26 |
| 16 | The Effects of Coexposure to Extremes of Heat and Particulate Air Pollution on Mortality in California: Implications for Climate Change. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 1117-1127. | 2.5 | 26 |
| 17 | Introducing undergraduate students to real-time PCR. <i>Biochemistry and Molecular Biology Education</i> , 2010, 38, 309-316. | 0.5 | 22 |
| 18 | Attitudes of North Carolina law enforcement officers toward syringe decriminalization. <i>Drug and Alcohol Dependence</i> , 2014, 144, 265-269. | 1.6 | 22 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Reducing Emergency Department Visits for Acute Gastrointestinal Illnesses in North Carolina (USA) by Extending Community Water Service. <i>Environmental Health Perspectives</i> , 2016, 124, 1583-1591. | 2.8 | 22 |
| 20 | Probabilistic Approach to Estimating Indoor Air Concentrations of Chlorinated Volatile Organic Compounds from Contaminated Groundwater: A Case Study in San Antonio, Texas. <i>Environmental Science & Technology</i> , 2011, 45, 1007-1013. | 4.6 | 21 |
| 21 | Overdose Epidemic, Prescription Monitoring Programs, and Public Health: A Review of State Laws. <i>American Journal of Public Health</i> , 2015, 105, e9-e11. | 1.5 | 21 |
| 22 | Screening Houses for Vapor Intrusion Risks: A Multiple Regression Analysis Approach. <i>Environmental Science & Technology</i> , 2013, 47, 5595-5602. | 4.6 | 20 |
| 23 | Respiratory health, pulmonary function and local engagement in urban communities near oil development. <i>Environmental Research</i> , 2021, 197, 111088. | 3.7 | 15 |
| 24 | Assessment of Respiratory Health Symptoms and Asthma in Children near a Drying Saline Lake. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3828. | 1.2 | 14 |
| 25 | Using gas-phase air quality sensors to disentangle potential sources in a Los Angeles neighborhood. <i>Atmospheric Environment</i> , 2020, 233, 117519. | 1.9 | 14 |
| 26 | Characterizing methane and total non-methane hydrocarbon levels in Los Angeles communities with oil and gas facilities using air quality monitors. <i>Science of the Total Environment</i> , 2021, 777, 146194. | 3.9 | 14 |
| 27 | Industrial Lead Poisoning in Los Angeles: Anatomy of a Public Health Failure. <i>Environmental Justice</i> , 2017, 10, 162-167. | 0.8 | 13 |
| 28 | Up in smoke: characterizing the population exposed to flaring from unconventional oil and gas development in the contiguous US. <i>Environmental Research Letters</i> , 2021, 16, 034032. | 2.2 | 12 |
| 29 | Acute Gastrointestinal Illness Risks in North Carolina Community Water Systems: A Methodological Comparison. <i>Environmental Science & Technology</i> , 2015, 49, 10019-10027. | 4.6 | 11 |
| 30 | Comparing Building and Neighborhood-Scale Variability of CO ₂ and O ₃ to Inform Deployment Considerations for Low-Cost Sensor System Use. <i>Sensors</i> , 2018, 18, 1349. | 2.1 | 11 |
| 31 | A Collaborative Approach to Assess Legacy Pollution in Communities Near a Lead "Acid Battery Smelter: The "Truth Fairy" Project. <i>Health Education and Behavior</i> , 2019, 46, 71S-80S. | 1.3 | 10 |
| 32 | Updating Exposure Models of Indoor Air Pollution Due to Vapor Intrusion: Bayesian Calibration of the Johnson-Ettinger Model. <i>Environmental Science & Technology</i> , 2014, 48, 2130-2138. | 4.6 | 9 |
| 33 | Demographic predictors of urinary arsenic in a low-income predominantly Hispanic pregnancy cohort in Los Angeles. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 94-107. | 1.8 | 9 |
| 34 | Indoor Air Contamination from Hazardous Waste Sites: Improving the Evidence Base for Decision-Making. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 15040-15057. | 1.2 | 8 |
| 35 | Fish Consumption Patterns and Mercury Advisory Knowledge Among Fishers in the Haw River Basin. <i>North Carolina Medical Journal</i> , 2016, 77, 9-14. | 0.1 | 5 |
| 36 | Hydrogen sulfide concentrations at three middle schools near industrial livestock facilities. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2017, 27, 167-174. | 1.8 | 5 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Applying the hierarchy of controls to oil and gas development. <i>Environmental Research Letters</i> , 2022, 17, 071003. | 2.2 | 5 |
| 38 | Metal-mixtures in toenails of children living near an active industrial facility in Los Angeles County, California. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 427-441. | 1.8 | 4 |
| 39 | Changes in neighborhood air quality after idling of an urban oil production site. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 967-980. | 1.7 | 4 |
| 40 | Community Perspectives on the Risk of Indoor Air Pollution Arising from Contaminated Groundwater. <i>New Solutions</i> , 2015, 25, 59-77. | 0.6 | 3 |
| 41 | Effect of inhaled allergens and air pollutants on childhood rhinitis development. <i>Annals of Allergy, Asthma and Immunology</i> , 2018, 120, 212-214. | 0.5 | 3 |
| 42 | Respiratory and allergic health effects in children living near agriculture: A review. <i>Science of the Total Environment</i> , 2022, 832, 155009. | 3.9 | 3 |
| 43 | Mobile daily diaries to characterize stressors and acute health symptoms in an environmental justice neighborhood. <i>Health and Place</i> , 2022, 76, 102849. | 1.5 | 3 |