# Jennifer Richmond-Bryant

List of Publications by Year
in descending order



| 38 | 1,041 | 489802 18 | 466096 32 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 42 | 42 | 42 | 1785 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A community-integrated geographic information system study of air pollution exposure impacts in Colfax, LA. Local Environment, 2022, 27, 728-746. | 1.1 | 1 |
| 2 | The Authors Respond. Epidemiology, 2021, 32, e12-e13. | 1.2 | 0 |
| 3 | A critical review of environmentally persistent free radical (EPFR) solvent extraction methodology and retrieval efficiency. Chemosphere, 2021, 284, 131353. | 4.2 | 12 |
| 4 | Influence of exposure measurement errors on results from epidemiologic studies of different designs. Journal of Exposure Science and Environmental Epidemiology, 2020, 30, 420-429. | 1.8 | 33 |
| 5 | In Defense of the Weight-of-Evidence Approach to Literature Review in the Integrated Science Assessment. Epidemiology, 2020, 31, 755-757. | 1.2 | 3 |
| 6 | Disparities in Distribution of Particulate Matter Emissions from US Coal-Fired Power Plants by Race and Poverty Status After Accounting for Reductions in Operations Between 2015 and 2017. American Journal of Public Health, 2020, 110, 655-661. | 1.5 | 28 |
| 7 | Disparities in Distribution of Particulate Matter Emission Sources by Race and Poverty Status. American Journal of Public Health, 2018, 108, 480-485. | 1.5 | 238 |
| 8 | A cross-disciplinary evaluation of evidence for multipollutant effects on cardiovascular disease. Environmental Research, 2018, 161, 144-152. | 3.7 | 7 |
| 9 | NO to NO2 conversion rate analysis and implications for dispersion model chemistry methods using Las Vegas, Nevada near-road field measurements. Atmospheric Environment, 2017, 165, 23-34. | 1.9 | 34 |
| 10 | Maternal Exposure to Nitrogen Dioxide, Intake of Methyl Nutrients, and Congenital Heart Defects in Offspring. American Journal of Epidemiology, 2017, 186, 719-729. | 1.6 | 24 |
| 11 | Estimation of on-road NO2 concentrations, NO2/NOX ratios, and related roadway gradients from near-road monitoring data. Air Quality, Atmosphere and Health, 2017, 10, 611-625. | 1.5 | 56 |
| 12 | Air Pollution Exposure Model for Individuals (EMI) in Health Studies: Evaluation for Ambient PM<sub>2.5</sub> in Central North Carolina. Environmental Science & Technology, 2015, 49, 14184-14194. | 4.6 | 34 |
| 13 | Effect measure modification of blood leadâ€“air lead slope factors. Journal of Exposure Science and Environmental Epidemiology, 2015, 25, 411-416. | 1.8 | 2 |
| 14 | Cross-species coherence in effects and modes of action in support of causality determinations in the U.S. Environmental Protection Agencyâ€™s Integrated Science Assessment for Lead. Toxicology, 2015, 330, 19-40. | 2.0 | 8 |
| 15 | Multiple biomarker models for improved risk estimation of specific cardiovascular diseases related to metabolic syndrome: a cross-sectional study. Population Health Metrics, 2015, 13, 7. | 1.3 | 20 |
| 16 | The Influence of Declining Air Lead Levels on Blood Leadâ€“Air Lead Slope Factors in Children. Environmental Health Perspectives, 2014, 122, 754-760. | 2.8 | 20 |
| 17 | Analysis of U.S. soil lead (Pb) studies from 1970 to 2012. Science of the Total Environment, 2014, 468-469, 854-863. | 3.9 | 84 |
| 18 | Contribution of Particle-Size-Fractionated Airborne Lead to Blood Lead during the National Health and Nutrition Examination Survey, 1999â€“2008. Environmental Science & Technology, 2014, 48, 1263-1270. | 4.6 | 16 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A multi-level model of blood lead as a function of air lead. Science of the Total Environment, 2013, 461-462, 207-213. | 3.9 | 16 |
| 20 | Cardiovascular Outcomes and the Physical and Chemical Properties of Metal Ions Found in Particulate Matter Air Pollution: A QICAR Study. Environmental Health Perspectives, 2013, 121, 558-564. | 2.8 | 44 |
| 21 | Air pollution retention within a complex of urban street canyons: A two-city comparison. Atmospheric Environment, 2012, 49, 24-32. | 1.9 | 10 |
| 22 | A multi-site analysis of the association between black carbon concentrations and vehicular idling, traffic, background pollution, and meteorology during school dismissals. Science of the Total Environment, 2011, 409, 2085-2093. | 3.9 | 30 |
| 23 | A literature review of concentrations and size distributions of ambient airborne Pb-containing particulate matter. Atmospheric Environment, 2011, 45, 5005-5015. | 1.9 | 32 |
| 24 | Associations of PM2.5 and black carbon concentrations with traffic, idling, background pollution, and meteorology during school dismissals. Science of the Total Environment, 2009, 407, 3357-3364. | 3.9 | 67 |
| 25 | Transport of exhaled particulate matter in airborne infection isolation rooms. Building and Environment, 2009, 44, 44-55. | 3.0 | 40 |
| 26 | Overview of the Brooklyn Traffic Real-time Ambient Pollutant Penetration and Environmental Dispersion (B-TRAPPED) study: theoretical background and model for design of field experiments. Journal of Environmental Monitoring, 2009, 11, 2115. | 2.1 | 10 |
| 27 | The Brooklyn Traffic Real-Time Ambient Pollutant Penetration and Environmental Dispersion (B-TRAPPED) field study methodology. Journal of Environmental Monitoring, 2009, 11, 2122. | 2.1 | 16 |
| 28 | Establishing a link between vehicular PM sources and PM measurements in urban street canyons. Journal of Environmental Monitoring, 2009, 11, 2146. | 2.1 | 6 |
| 29 | The effect of a tall tower on flow and dispersion through a model urban neighborhood : Part 1. Flow characteristics. Journal of Environmental Monitoring, 2009, 11, 2163. | 2.1 | 37 |
| 30 | The effect of a tall tower on flow and dispersion through a model urban neighborhood : Part 2. Pollutant dispersion. Journal of Environmental Monitoring, 2009, 11, 2171. | 2.1 | 30 |
| 31 | Time-series analysis to study the impact of an intersection on dispersion along a street canyon. Journal of Environmental Monitoring, 2009, 11, 2153. | 2.1 | 5 |
| 32 | Analysis of indoor air pollution trends and characterization of infiltration delay time using a cross-correlation method. Journal of Environmental Monitoring, 2009, 11, 2201. | 2.1 | 13 |
| 33 | An Approach to the Study of Transport and Dispersion of Threat Agents in a Subway Station. Journal of Applied Security Research, 2008, 4, 68-78. | 0.8 | 0 |
| 34 | Transport of airborne particles within a room. Indoor Air, 2006, 16, 48-55. | 2.0 | 30 |
| 35 | Considerations for Modeling Particle Entrainment into the Wake of a Circular Cylinder. Aerosol Science and Technology, 2006, 40, 17-26. | 1.5 | 7 |
| 36 | Applying the discrete vortex method in environmental fluid mechanics: A study of the time-averaged near wake behind a circular cylinder. Environmental Fluid Mechanics, 2005, 4, 455-463. | 0.7 | 6 |

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|---|---|---|---|
| 37 | Verification testing in computational fluid dynamics: an example using Reynolds-averaged Navier-Stokes methods for two-dimensional flow in the near wake of a circular cylinder. International Journal for Numerical Methods in Fluids, 2003, 43, 1371-1389. | 0.9 | 9 |
| 38 | Development of a Versatile Aerosol Generation System for Use in a Large Wind Tunnel. Aerosol Science and Technology, 2003, 37, 293-301. | 1.5 | 13 |