Jennifer Richmond-Bryant

List of Publications by Year
in descending order

38	1,041	430874 18	414414 32
papers	citations	h-index	g-index

42	42	42	1614
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.	2.4	1
2	The Authors Respond. Epidemiology, 2021, 32, e12-e13.	2.7	0
3	A critical review of environmentally persistent free radical (EPFR) solvent extraction methodology and retrieval efficiency. Chemosphere, 2021, 284, 131353.	8.2	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.	3.9	33
5	In Defense of the Weight-of-Evidence Approach to Literature Review in the Integrated Science Assessment. Epidemiology, 2020, 31, 755-757.	2.7	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.	2.7	28
7	Disparities in Distribution of Particulate Matter Emission Sources by Race and Poverty Status. American Journal of Public Health, 2018, 108, 480-485.	2.7	238
8	A cross-disciplinary evaluation of evidence for multipollutant effects on cardiovascular disease. Environmental Research, 2018, 161, 144-152.	7.5	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.	4.1	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.	3.4	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.	3.3	56
12	Air Pollution Exposure Model for Individuals (EMI) in Health Studies: Evaluation for Ambient PM_{2.5} in Central North Carolina. Environmental Science & Technology, 2015, 49, 14184-14194.	10.0	34
13	Effect measure modification of blood leadâ€“air lead slope factors. Journal of Exposure Science and Environmental Epidemiology, 2015, 25, 411-416.	3.9	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.	4.2	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.	2.7	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.	6.0	20
17	Analysis of U.S. soil lead (Pb) studies from 1970 to 2012. Science of the Total Environment, 2014, 468-469, 854-863.	8.0	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.	10.0	16

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19	A multi-level model of blood lead as a function of air lead. Science of the Total Environment, 2013, 461-462, 207-213.	8.0	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.	6.0	44
21	Air pollution retention within a complex of urban street canyons: A two-city comparison. Atmospheric Environment, 2012, 49, 24-32.	4.1	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.	8.0	30
23	A literature review of concentrations and size distributions of ambient airborne Pb-containing particulate matter. Atmospheric Environment, 2011, 45, 5005-5015.	4.1	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.	8.0	67
25	Transport of exhaled particulate matter in airborne infection isolation rooms. Building and Environment, 2009, 44, 44-55.	6.9	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.	1.2	0
34	Transport of airborne particles within a room. Indoor Air, 2006, 16, 48-55.	4.3	30
35	Considerations for Modeling Particle Entrainment into the Wake of a Circular Cylinder. Aerosol Science and Technology, 2006, 40, 17-26.	3.1	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.	1.6	6

#	Article	IF	Citations
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.	1.6	9
38	Development of a Versatile Aerosol Generation System for Use in a Large Wind Tunnel. Aerosol Science and Technology, 2003, 37, 293-301.	3.1	13