

# John L Adgate

## List of Publications by Year in descending order

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89  
papers

4,542  
citations

94381

37  
h-index

106281

65  
g-index

90  
all docs

90  
docs citations

90  
times ranked

4453  
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental metal exposures and kidney function of Guatemalan sugarcane workers. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2022, 32, 461-471.	1.8	21
2	Prenatal exposure to ambient air pollution and traffic and indicators of adiposity in early childhood: the Healthy Start study. <i>International Journal of Obesity</i> , 2022, 46, 494-501.	1.6	6
3	Cross-sectional associations between serum PFASs and inflammatory biomarkers in a population exposed to AFFF-contaminated drinking water. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 240, 113905.	2.1	10
4	Ambient air pollution during pregnancy and cardiometabolic biomarkers in cord blood. <i>Environmental Epidemiology</i> , 2022, 6, e203.	1.4	1
5	Understanding Self-Rated Health and Unconventional Oil and Gas Development in Three Colorado Communities. <i>Society and Natural Resources</i> , 2021, 34, 60-81.	0.9	14
6	A Spatiotemporal Prediction Model for Black Carbon in the Denver Metropolitan Area, 2009–2020. <i>Environmental Science &amp; Technology</i> , 2021, 55, 3112-3123.	4.6	5
7	Unsaturated PFOS and Other PFASs in Human Serum and Drinking Water from an AFFF-Impacted Community. <i>Environmental Science &amp; Technology</i> , 2021, 55, 8139-8148.	4.6	71
8	Exposure to ambient air pollution during pregnancy and inflammatory biomarkers in maternal and umbilical cord blood: The Healthy Start study. <i>Environmental Research</i> , 2021, 197, 111165.	3.7	11
9	Ambient air pollution exposure during pregnancy and cardio-metabolic markers in cord blood: The Healthy Start study. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
10	Prenatal exposure to per- and polyfluoroalkyl substances and child adiposity at age 5 years: a multipollutant analysis. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
11	Sociodemographic and behavioral determinants of serum concentrations of per- and polyfluoroalkyl substances in a community highly exposed to aqueous film-forming foam contaminants in drinking water. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 223, 256-266.	2.1	53
12	Air infiltration in low-income, urban homes and its relationship to lung function. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020, 30, 262-270.	1.8	6
13	Prenatal Exposure to Tobacco and Offspring Neurocognitive Development in the Healthy Start Study. <i>Journal of Pediatrics</i> , 2020, 218, 28-34.e2.	0.9	20
14	A Pilot Study to Assess Inhalation Exposures among Sugarcane Workers in Guatemala: Implications for Chronic Kidney Disease of Unknown Origin. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5708.	1.2	16
15	The Need for a Tighter Particulate-Matter Air-Quality Standard. <i>New England Journal of Medicine</i> , 2020, 383, 680-683.	13.9	29
16	Prenatal exposure to traffic and ambient air pollution and infant weight and adiposity: The Healthy Start study. <i>Environmental Research</i> , 2020, 182, 109130.	3.7	33
17	Prenatal Exposure to Per- and Polyfluoroalkyl Substances, Umbilical Cord Blood DNA Methylation, and Cardio-Metabolic Indicators in Newborns: The Healthy Start Study. <i>Environmental Health Perspectives</i> , 2020, 128, 127014.	2.8	49
18	Prenatal exposure to per- and polyfluoroalkyl substances and infant growth and adiposity: the Healthy Start Study. <i>Environment International</i> , 2019, 131, 104983.	4.8	48

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19	Social and Environmental Neighborhood Typologies and Lung Function in a Low-Income, Urban Population. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1133.	1.2	13
20	Impact of Outdoor Air Pollution on Indoor Air Quality in Low-Income Homes during Wildfire Seasons. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3535.	1.2	86
21	Environmental Justice in Unconventional Oil and Natural Gas Drilling and Production: A Critical Review and Research Agenda. <i>Environmental Science &amp; Technology</i> , 2019, 53, 6601-6615.	4.6	50
22	Community Noise and Air Pollution Exposure During the Development of a Multi-Well Oil and Gas Pad. <i>Environmental Science &amp; Technology</i> , 2019, 53, 7126-7135.	4.6	37
23	Impact of Low-Income Home Energy-Efficiency Retrofits on Building Air Tightness and Healthy Home Indicators. <i>Sustainability</i> , 2019, 11, 2667.	1.6	20
24	Putting on partisan glasses: Political identity, quality of life, and oil and gas production in Colorado. <i>Energy Policy</i> , 2019, 129, 738-748.	4.2	10
25	Combined environmental and social exposures during pregnancy and associations with neonatal size and body composition. <i>Environmental Epidemiology</i> , 2019, 3, e043.	1.4	10
26	Relationships between indicators of cardiovascular disease and intensity of oil and natural gas activity in Northeastern Colorado. <i>Environmental Research</i> , 2019, 170, 56-64.	3.7	35
27	Fetal exposure to maternal active and secondhand smoking with offspring early-life growth in the Healthy Start study. <i>International Journal of Obesity</i> , 2019, 43, 652-662.	1.6	17
28	Relationships between home ventilation rates and respiratory health in the Colorado Home Energy Efficiency and Respiratory Health (CHEER) study. <i>Environmental Research</i> , 2019, 169, 297-307.	3.7	33
29	Exposure Modeling and Measurement: Exposure Factors. , 2019, , 786-792.		0
30	Distribution and predictors of urinary concentrations of phthalate metabolites and phenols among pregnant women in the Healthy Start Study. <i>Environmental Research</i> , 2018, 162, 308-317.	3.7	54
31	Ambient Nonmethane Hydrocarbon Levels Along Colorado's Northern Front Range: Acute and Chronic Health Risks. <i>Environmental Science &amp; Technology</i> , 2018, 52, 4514-4525.	4.6	47
32	Truck and Multivehicle Truck Accidents with Injuries Near Colorado Oil and Gas Operations. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1861.	1.2	12
33	Measuring environmental noise from airports, oil and gas operations, and traffic with smartphone applications: laboratory and field trials. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2018, 28, 548-558.	1.8	9
34	Residential noise from nearby oil and gas well construction and drilling. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2018, 28, 538-547.	1.8	29
35	Free market ideology and deregulation in Colorado's oil fields: Evidence for triple movement activism?. <i>Environmental Politics</i> , 2017, 26, 521-545.	3.4	33
36	Is reporting "significant damage" transparent? Assessing fire and explosion risk at oil and gas operations in the United States. <i>Energy Research and Social Science</i> , 2017, 29, 36-43.	3.0	14

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37	Spatiotemporal Industrial Activity Model for Estimating the Intensity of Oil and Gas Operations in Colorado. <i>Environmental Science &amp; Technology</i> , 2017, 51, 10243-10250.	4.6	22
38	The Association of Arsenic Exposure and Metabolism With Type 1 and Type 2 Diabetes in Youth: The SEARCH Case-Control Study. <i>Diabetes Care</i> , 2017, 40, 46-53.	4.3	61
39	Perfluoroalkyl Substances during Pregnancy and Offspring Weight and Adiposity at Birth: Examining Mediation by Maternal Fasting Glucose in the Healthy Start Study. <i>Environmental Health Perspectives</i> , 2017, 125, 067016.	2.8	102
40	Childhood hematologic cancer and residential proximity to oil and gas development. <i>PLoS ONE</i> , 2017, 12, e0170423.	1.1	103
41	Population Size, Growth, and Environmental Justice Near Oil and Gas Wells in Colorado. <i>Environmental Science &amp; Technology</i> , 2016, 50, 11471-11480.	4.6	72
42	Birth Outcomes and Natural Gas Development: McKenzie et al. Respond. <i>Environmental Health Perspectives</i> , 2014, 122, A232-3.	2.8	14
43	A side-by-side comparison of three allergen sampling methods in settled house dust. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2014, 24, 650-656.	1.8	4
44	Birth Outcomes and Maternal Residential Proximity to Natural Gas Development in Rural Colorado. <i>Environmental Health Perspectives</i> , 2014, 122, 412-417.	2.8	275
45	Potential Public Health Hazards, Exposures and Health Effects from Unconventional Natural Gas Development. <i>Environmental Science &amp; Technology</i> , 2014, 48, 8307-8320.	4.6	395
46	Performance of dust allergen carpet samplers in controlled laboratory studies. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2013, 23, 385-391.	1.8	3
47	The Use of Health Impact Assessment for a Community Undergoing Natural Gas Development. <i>American Journal of Public Health</i> , 2013, 103, 1002-1010.	1.5	52
48	Radiographic Evidence of Nonoccupational Asbestos Exposure from Processing Libby Vermiculite in Minneapolis, Minnesota. <i>Environmental Health Perspectives</i> , 2012, 120, 44-49.	2.8	22
49	Interpreting variability in population biomonitoring data: Role of elimination kinetics. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2012, 22, 398-408.	1.8	78
50	Human health risk assessment of air emissions from development of unconventional natural gas resources. <i>Science of the Total Environment</i> , 2012, 424, 79-87.	3.9	472
51	Biomarker Measurements of Concurrent Exposure to Multiple Environmental Chemicals and Chemical Classes in Children. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2011, 74, 927-942.	1.1	18
52	Modeling community asbestos exposure near a vermiculite processing facility: Impact of human activities on cumulative exposure. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2011, 21, 529-535.	1.8	11
53	Pleural Abnormalities and Community Exposure to Asbestos Contaminated Vermiculite. <i>Epidemiology</i> , 2009, 20, S88-S89.	1.2	0
54	Detection of organophosphate pesticides using a prototype liquid crystal monitor. <i>Journal of Environmental Monitoring</i> , 2009, 11, 49-55.	2.1	23

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55	Allergen levels in inner city homes: baseline concentrations and evaluation of intervention effectiveness. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2008, 18, 430-440.	1.8	28
56	Estimating Absorbed Dose of Pesticides in a Field Setting Using Biomonitoring Data and Pharmacokinetic Models. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2008, 71, 373-383.	1.1	11
57	Seasonal Variability of Culturable Fungal Genera in the House Dust of Inner-City Residences. <i>Journal of Occupational and Environmental Hygiene</i> , 2008, 5, 780-789.	0.4	9
58	Longitudinal Evaluation of Allergen and Culturable Fungal Concentrations in Inner-City Households. <i>Journal of Occupational and Environmental Hygiene</i> , 2007, 5, 107-118.	0.4	13
59	Estimating Volatile Organic Compound Concentrations in Selected Microenvironments Using Time-Activity and Personal Exposure Data. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2007, 70, 465-476.	1.1	54
60	Asthma, atopy, and lung function among racially diverse, poor inner-urban Minneapolis schoolchildren. <i>Environmental Research</i> , 2007, 103, 257-266.	3.7	8
61	Agreement of pesticide biomarkers between morning void and 24-h urine samples from farmers and their children. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2007, 17, 350-357.	1.8	60
62	Relationships between personal, indoor, and outdoor exposures to trace elements in PM2.5. <i>Science of the Total Environment</i> , 2007, 386, 21-32.	3.9	55
63	Using Biologic Markers in Blood to Assess Exposure to Multiple Environmental Chemicals for Inner-City Children 3-6 Years of Age. <i>Environmental Health Perspectives</i> , 2006, 114, 453-459.	2.8	48
64	Environmental Exposure Assessment of Pesticides in Farmworker Homes. <i>Environmental Health Perspectives</i> , 2006, 114, 929-935.	2.8	34
65	Children's Exposure to Volatile Organic Compounds as Determined by Longitudinal Measurements in Blood. <i>Environmental Health Perspectives</i> , 2005, 113, 342-349.	2.8	70
66	A Field Comparison of Volatile Organic Compound Measurements Using Passive Organic Vapor Monitors and Stainless Steel Canisters. <i>Environmental Science &amp; Technology</i> , 2005, 39, 3261-3268.	4.6	25
67	Indoor Air Quality in Two Urban Elementary Schools—Measurements of Airborne Fungi, Carpet Allergens, CO2, Temperature, and Relative Humidity. <i>Journal of Occupational and Environmental Hygiene</i> , 2005, 2, 553-566.	0.4	69
68	Children's exposure to environmental tobacco smoke: using diverse exposure metrics to document ethnic/racial differences. <i>Environmental Health Perspectives</i> , 2004, 112, 392-397.	2.8	44
69	Outdoor, Indoor, and Personal Exposure to VOCs in Children. <i>Environmental Health Perspectives</i> , 2004, 112, 1386-1392.	2.8	172
70	Personal, Indoor, and Outdoor VOC Exposures in a Probability Sample of Children. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2004, 14, S4-S13.	1.8	93
71	Comparing Air Dispersion Model Predictions with Measured Concentrations of VOCs in Urban Communities. <i>Environmental Science &amp; Technology</i> , 2004, 38, 1949-1959.	4.6	34
72	Evaluating Differences between Measured Personal Exposures to Volatile Organic Compounds and Concentrations in Outdoor and Indoor Air. <i>Environmental Science &amp; Technology</i> , 2004, 38, 2593-2602.	4.6	50

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73	Comparison of Personal, Indoor, and Outdoor Exposures to Hazardous Air Pollutants in Three Urban Communities. <i>Environmental Science &amp; Technology</i> , 2004, 38, 423-430.	4.6	152
74	Distributions, associations, and partial aggregate exposure of pesticides and polynuclear aromatic hydrocarbons in the Minnesota Children's Pesticide Exposure Study (MNCPEs). <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2003, 13, 100-111.	1.8	75
75	Characterizing Indoor and Outdoor 15 Minute Average PM 2.5 Concentrations in Urban Neighborhoods. <i>Aerosol Science and Technology</i> , 2003, 37, 33-45.	1.5	107
76	Field Evaluation and Comparison of Five Methods of Sampling Lead Dust on Carpets. <i>AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety</i> , 2003, 64, 528-532.	0.4	12
77	Recruitment, retention, and compliance results from a probability study of children's environmental health in economically disadvantaged neighborhoods.. <i>Environmental Health Perspectives</i> , 2003, 111, 731-736.	2.8	20
78	Predicting children's short-term exposure to pesticides: results of a questionnaire screening approach.. <i>Environmental Health Perspectives</i> , 2003, 111, 123-128.	2.8	25
79	Measurement of children's exposure to pesticides: analysis of urinary metabolite levels in a probability-based sample.. <i>Environmental Health Perspectives</i> , 2001, 109, 583-590.	2.8	171
80	Emerging Issues: Children's Exposure to Pesticides in Residential Settings. , 2001, , 887-904.		3
81	Pesticide storage and use patterns in Minnesota households with children. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2000, 10, 159-167.	1.8	66
82	Design strategy for assessing multi-pathway exposure for children: the Minnesota Children's Pesticide Exposure Study (MNCPEs). <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2000, 10, 145-158.	1.8	51
83	A school-based strategy to assess children's environmental exposures and related health effects in economically disadvantaged urban neighborhoods. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2000, 10, 682-694.	1.8	26
84	Data Collection issues: Measurement of multi-pollutant and multi-pathway exposures in a probability-based sample of children: practical strategies for effective field studies. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2000, 10, 650-661.	1.8	28
85	Comparison of Short-Term Variations (15-Minute Averages) in Outdoor and Indoor PM <sub>2.5</sub> Concentrations. <i>Journal of the Air and Waste Management Association</i> , 2000, 50, 1157-1166.	0.9	74
86	Looking at environmental justice from an environmental health perspective. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 1999, 9, 3-8.	1.8	56
87	Chemical Mass Balance Source Apportionment of Lead in House Dust. <i>Environmental Science &amp; Technology</i> , 1998, 32, 108-114.	4.6	84
88	Subchronic to chronic exposure extrapolation: Toxicologic evidence for a reduced uncertainty factor. <i>Human and Ecological Risk Assessment (HERA)</i> , 1995, 1, 516-526.	1.7	28
89	Lead in House Dust: Relationships between Exposure Metrics. <i>Environmental Research</i> , 1995, 70, 134-147.	3.7	58