

# Deborah H Bennett

## List of Publications by Year in descending order

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86  
papers

3,973  
citations

87888

38  
h-index

128289

60  
g-index

87  
all docs

87  
docs citations

87  
times ranked

4529  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Organophosphate exposures during pregnancy and child neurodevelopment: Recommendations for essential policy reforms. <i>PLoS Medicine</i> , 2018, 15, e1002671.  | 8.4  | 168       |
| 2  | General Formulation of Characteristic Travel Distance for Semivolatile Organic Chemicals in a Multimedia Environment. <i>Environmental Science &amp; Technology</i> , 1998, 32, 4023-4030.   | 10.0 | 149       |
| 3  | Ranking Cancer Risks of Organic Hazardous Air Pollutants in the United States. <i>Environmental Health Perspectives</i> , 2007, 115, 1160-1168.  | 6.0  | 140       |
| 4  | The Relationship of Urinary Metabolites of Carbaryl/Naphthalene and Chlorpyrifos with Human Semen Quality. <i>Environmental Health Perspectives</i> , 2004, 112, 1665-1670.  | 6.0  | 130       |
| 5  | Polybrominated diphenyl ethers in relation to autism and developmental delay: a case-control study. <i>Environmental Health</i> , 2011, 10, 1.   | 4.0  | 115       |
| 6  | Serum concentrations of perfluorinated compounds (PFC) among selected populations of children and Adults in California. <i>Environmental Research</i> , 2015, 136, 264-273.  | 7.5  | 107       |
| 7  | Usage pattern of personal care products in California households. <i>Food and Chemical Toxicology</i> , 2010, 48, 3109-3119.   | 3.6  | 101       |
| 8  | PBDEs in 2~5 Year-Old Children from California and Associations with Diet and Indoor Environment. <i>Environmental Science &amp; Technology</i> , 2010, 44, 2648-2653.   | 10.0 | 100       |
| 9  | Fugacity-Based Indoor Residential Pesticide Fate Model. <i>Environmental Science &amp; Technology</i> , 2004, 38, 2142-2152.   | 10.0 | 98        |
| 10 | Temporal variability of urinary levels of nonpersistent insecticides in adult men. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2005, 15, 271-281.  | 3.9  | 98        |
| 11 | Urinary levels of insecticide metabolites and DNA damage in human sperm. <i>Human Reproduction</i> , 2004, 19, 2573-2580.  | 0.9  | 95        |
| 12 | Determining the infiltration of outdoor particles in the indoor environment using a dynamic model. <i>Journal of Aerosol Science</i> , 2006, 37, 766-785.  | 3.8  | 94        |
| 13 | Household Dust as a Repository of Chemical Accumulation: New Insights from a Comprehensive High-Resolution Mass Spectrometric Study. <i>Environmental Science &amp; Technology</i> , 2018, 52, 2878-2887.  | 10.0 | 88        |
| 14 | Intake Fraction for Multimedia Pollutants: A Tool for Life Cycle Analysis and Comparative Risk Assessment. <i>Risk Analysis</i> , 2002, 22, 905-918.   | 2.7  | 84        |
| 15 | Volatile Organic Compounds in Small- and Medium-Sized Commercial Buildings in California. <i>Environmental Science &amp; Technology</i> , 2011, 45, 9075-9083.   | 10.0 | 83        |
| 16 | Urinary Pyrethroid and Chlorpyrifos Metabolite Concentrations in Northern California Families and Their Relationship to Indoor Residential Insecticide Levels, Part of the Study of Use of Products and Exposure Related Behavior (SUPERB). <i>Environmental Science &amp; Technology</i> , 2014, 48, 1931-1939. | 10.0 | 81        |
| 17 | Phthalate concentrations in house dust in relation to autism spectrum disorder and developmental delay in the Childhood Autism Risks from Genetics and the Environment (CHARGE) study. <i>Environmental Health</i> , 2015, 14, 56.   | 4.0  | 80        |
| 18 | Consensus Modeling of Median Chemical Intake for the U.S. Population Based on Predictions of Exposure Pathways. <i>Environmental Science &amp; Technology</i> , 2019, 53, 719-732.   | 10.0 | 78        |

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|----|--|------|-----------|
| 19 | A Cancer Risk Assessment of Inner-City Teenagers Living in New York City and Los Angeles. <i>Environmental Health Perspectives</i> , 2006, 114, 1558-1566.   | 6.0  | 77        |
| 20 | A Prospective Study of Environmental Exposures and Early Biomarkers in Autism Spectrum Disorder: Design, Protocols, and Preliminary Data from the MARBLES Study. <i>Environmental Health Perspectives</i> , 2018, 126, 117004.                   | 6.0  | 77        |
| 21 | Combined Prenatal Pesticide Exposure and Folic Acid Intake in Relation to Autism Spectrum Disorder. <i>Environmental Health Perspectives</i> , 2017, 125, 097007.  | 6.0  | 72        |
| 22 | Origin, Occurrence, and Source Emission Rate of Acrolein in Residential Indoor Air. <i>Environmental Science &amp; Technology</i> , 2007, 41, 6940-6946.   | 10.0 | 67        |
| 23 | Risk-Based High-Throughput Chemical Screening and Prioritization using Exposure Models and in Vitro Bioactivity Assays. <i>Environmental Science &amp; Technology</i> , 2015, 49, 6760-6771.   | 10.0 | 63        |
| 24 | Measured Concentrations of VOCs in Several Non-Residential Microenvironments in the United States. <i>Environmental Science &amp; Technology</i> , 2006, 40, 6903-6911.  | 10.0 | 61        |
| 25 | Measured and Modeled Personal Exposures to and Risks from Volatile Organic Compounds. <i>Environmental Science &amp; Technology</i> , 2007, 41, 8498-8505.   | 10.0 | 60        |
| 26 | Prenatal exposure to organophosphate pesticides and risk of autism spectrum disorders and other non-typical development at 3 years in a high-risk cohort. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 548-555. | 4.3  | 59        |
| 27 | Indoor Residence Times of Semivolatile Organic Compounds: Model Estimation and Field Evaluation. <i>Environmental Science &amp; Technology</i> , 2013, 47, 859-867.  | 10.0 | 57        |
| 28 | Identifying and Prioritizing Chemicals with Uncertain Burden of Exposure: Opportunities for Biomonitoring and Health-Related Research. <i>Environmental Health Perspectives</i> , 2019, 127, 126001.   | 6.0  | 56        |
| 29 | Measured concentrations of consumer product chemicals in California house dust: Implications for sources, exposure, and toxicity potential. <i>Indoor Air</i> , 2020, 30, 60-75.   | 4.3  | 56        |
| 30 | Polybrominated diphenyl ether (PBDE) concentrations and resulting exposure in homes in California: relationships among passive air, surface wipe and dust concentrations, and temporal variability. <i>Indoor Air</i> , 2015, 25, 220-229.       | 4.3  | 54        |
| 31 | Predicting Long-Range Transport: A Systematic Evaluation of Two Multimedia Transport Models. <i>Environmental Science &amp; Technology</i> , 2001, 35, 1181-1189.  | 10.0 | 50        |
| 32 | Intake Fraction for the Indoor Environment: A Tool for Prioritizing Indoor Chemical Sources. <i>Environmental Science &amp; Technology</i> , 2012, 46, 10063-10072.  | 10.0 | 49        |
| 33 | Variability of urinary concentrations of phthalate metabolites during pregnancy in first morning voids and pooled samples. <i>Environment International</i> , 2019, 122, 222-230.  | 10.0 | 49        |
| 34 | General Formulation of Characteristic Time for Persistent Chemicals in a Multimedia Environment. <i>Environmental Science &amp; Technology</i> , 1999, 33, 503-509.  | 10.0 | 48        |
| 35 | Prenatal exposure to phthalates and autism spectrum disorder in the MARBLES study. <i>Environmental Health</i> , 2018, 17, 85.   | 4.0  | 47        |
| 36 | Pyrethroids in house dust from the homes of farm worker families in the MICASA study. <i>Environment International</i> , 2013, 61, 57-63.  | 10.0 | 46        |

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|----|---|------|-----------|
| 37 | Opportunities for evaluating chemical exposures and child health in the United States: the Environmental influences on Child Health Outcomes (ECHO) Program. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020, 30, 397-419. | 3.9  | 44        |
| 38 | Exposure to Contemporary and Emerging Chemicals in Commerce among Pregnant Women in the United States: The Environmental influences on Child Health Outcome (ECHO) Program. <i>Environmental Science &amp; Technology</i> , 2022, 56, 6560-6573.    | 10.0 | 41        |
| 39 | Occupational exposure to particulate matter and endotoxin for California dairy workers. <i>International Journal of Hygiene and Environmental Health</i> , 2013, 216, 56-62.  | 4.3  | 40        |
| 40 | Prenatal exposure to per- and polyfluoroalkyl substances in association with autism spectrum disorder in the MARBLES study. <i>Environment International</i> , 2021, 147, 106328.   | 10.0 | 40        |
| 41 | Indoor Particle Levels in Small- and Medium-Sized Commercial Buildings in California. <i>Environmental Science &amp; Technology</i> , 2012, 46, 12355-12363.  | 10.0 | 38        |
| 42 | Concentrations of the urinary pyrethroid metabolite 3-phenoxybenzoic acid in farm worker families in the MICASA study. <i>Environmental Research</i> , 2014, 131, 153-159.  | 7.5  | 37        |
| 43 | Polybrominated diphenyl ether serum concentrations in a Californian population of children, their parents, and older adults: an exposure assessment study. <i>Environmental Health</i> , 2015, 14, 23.  | 4.0  | 36        |
| 44 | Exposure Assessment For Air-To-Skin Uptake of Semivolatile Organic Compounds (SVOCs) Indoors. <i>Environmental Science &amp; Technology</i> , 2019, 53, 1608-1616.  | 10.0 | 35        |
| 45 | Ventilation, temperature, and HVAC characteristics in small and medium commercial buildings in California. <i>Indoor Air</i> , 2012, 22, 309-320.   | 4.3  | 34        |
| 46 | Defining intake fraction. <i>Environmental Science &amp; Technology</i> , 2002, 36, 207A-211A.  | 10.0 | 31        |
| 47 | Study of Use of Products and Exposure-Related Behaviors (SUPERB): study design, methods, and demographic characteristics of cohorts. <i>Environmental Health</i> , 2010, 9, 54.   | 4.0  | 30        |
| 48 | Longitudinal variability of time-location/activity patterns of population at different ages: a longitudinal study in California. <i>Environmental Health</i> , 2011, 10, 80.  | 4.0  | 30        |
| 49 | Frequency and longitudinal trends of household care product use. <i>Atmospheric Environment</i> , 2012, 55, 417-424.  | 4.1  | 30        |
| 50 | Chemical Dynamics of Persistent Organic Pollutants: A Sensitivity Analysis Relating Soil Concentration Levels to Atmospheric Emissions. <i>Environmental Science &amp; Technology</i> , 1998, 32, 115-123.  | 10.0 | 28        |
| 51 | Temporal trends and determinants of serum concentrations of per- and polyfluoroalkyl substances among Northern California mothers with a young child, 2009-2016. <i>Environmental Research</i> , 2020, 186, 109491.                                 | 7.5  | 28        |
| 52 | Impacts of weather, work rate, hydration, and clothing in heat-related illness in California farmworkers. <i>American Journal of Industrial Medicine</i> , 2019, 62, 1038-1046.   | 2.1  | 27        |
| 53 | Modeled prenatal exposure to per- and polyfluoroalkyl substances in association with child autism spectrum disorder: A case-control study. <i>Environmental Research</i> , 2020, 186, 109514.   | 7.5  | 26        |
| 54 | Dependence of Intake Fraction on Release Location in a Multimedia Framework.. <i>Journal of Industrial Ecology</i> , 2004, 8, 89-102.   | 5.5  | 25        |

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|----|--|------|-----------|
| 55 | Passive sampling methods to determine household and personal care product use. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2012, 22, 148-160.  | 3.9  | 25        |
| 56 | Macroscopic to microscopic scales of particle dosimetry: from source to fate in the body. <i>Air Quality, Atmosphere and Health</i> , 2012, 5, 169-187.  | 3.3  | 25        |
| 57 | Recruitment, Methods, and Descriptive Results of a Physiologic Assessment of Latino Farmworkers. <i>Journal of Occupational and Environmental Medicine</i> , 2017, 59, 649-658.  | 1.7  | 24        |
| 58 | In utero pyrethroid pesticide exposure in relation to autism spectrum disorder (ASD) and other neurodevelopmental outcomes at 3 years in the MARBLES longitudinal cohort. <i>Environmental Research</i> , 2021, 194, 110495.                         | 7.5  | 23        |
| 59 | Environmental exposures to pesticides, phthalates, phenols and trace elements are associated with neurodevelopment in the CHARGE study. <i>Environment International</i> , 2022, 161, 107075.  | 10.0 | 23        |
| 60 | Variability of urinary pesticide metabolite concentrations during pregnancy in the MARBLES Study. <i>Environmental Research</i> , 2018, 165, 400-409.  | 7.5  | 22        |
| 61 | Particulate Matter, Endotoxin, and Worker Respiratory Health on Large Californian Dairies. <i>Journal of Occupational and Environmental Medicine</i> , 2015, 57, 79-87.  | 1.7  | 21        |
| 62 | Acute Pulmonary Function Change Associated With Work on Large Dairies in California. <i>Journal of Occupational and Environmental Medicine</i> , 2013, 55, 74-79.  | 1.7  | 18        |
| 63 | Physical activity and common tasks of California farm workers: California Heat Illness Prevention Study (CHIPS). <i>Journal of Occupational and Environmental Hygiene</i> , 2018, 15, 857-869.   | 1.0  | 18        |
| 64 | Temporal Trends of Phenol, Paraben, and Triclocarban Exposure in California Pregnant Women during 2007-2014. <i>Environmental Science &amp; Technology</i> , 2021, 55, 11155-11165.  | 10.0 | 18        |
| 65 | Occupational exposure to particulate matter from three agricultural crops in California. <i>International Journal of Hygiene and Environmental Health</i> , 2014, 217, 226-230.  | 4.3  | 17        |
| 66 | Spatial and seasonal patterns of particulate matter less than 2.5 microns in the Sierra Nevada Mountains, California. <i>Atmospheric Pollution Research</i> , 2014, 5, 581-590.  | 3.8  | 17        |
| 67 | A framework for assessing the impact of chemical exposures on neurodevelopment in ECHO: Opportunities and challenges. <i>Environmental Research</i> , 2020, 188, 109709.   | 7.5  | 15        |
| 68 | Temporal variation of residential pesticide use and comparison of two survey platforms: a longitudinal study among households with young children in Northern California. <i>Environmental Health</i> , 2013, 12, 65.                                | 4.0  | 14        |
| 69 | Quantitative analysis of organophosphate and pyrethroid insecticides, pyrethroid transformation products, polybrominated diphenyl ethers and bisphenol A in residential surface wipe samples. <i>Journal of Chromatography A</i> , 2013, 1273, 1-11. | 3.7  | 14        |
| 70 | Analysing the effects of the 2002 McNally fire on air quality in the San Joaquin Valley and southern Sierra Nevada, California. <i>International Journal of Wildland Fire</i> , 2012, 21, 1065.  | 2.4  | 13        |
| 71 | Agricultural Injury in California Hispanic Farm Workers: MICASA Follow-up Survey. <i>Journal of Agromedicine</i> , 2013, 18, 39-49.  | 1.5  | 13        |
| 72 | Volatilization of low vapor pressure volatile organic compounds (LVPOCs) during three cleaning products-associated activities: Potential contributions to ozone formation. <i>Chemosphere</i> , 2016, 153, 130-137.                                  | 8.2  | 13        |

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|----|---|------|-----------|
| 73 | Temporal variability of indoor dust concentrations of semivolatile organic compounds. <i>Indoor Air</i> , 2021, 31, 693-701.  | 4.3  | 12        |
| 74 | Are Cal/OSHA Regulations Protecting Farmworkers in California From Heat-Related Illness?. <i>Journal of Occupational and Environmental Medicine</i> , 2021, 63, 532-539.  | 1.7  | 11        |
| 75 | A quest to identify suitable organic tracers for estimating children's dust ingestion rates. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 70-81.   | 3.9  | 10        |
| 76 | Reductions in particulate matter concentrations resulting from air filtration: A randomized sham-controlled crossover study. <i>Indoor Air</i> , 2022, 32, e12982.  | 4.3  | 10        |
| 77 | Rethinking Environmental Performance from a Public Health Perspective: A Comparative Industry Analysis. <i>Journal of Industrial Ecology</i> , 2005, 9, 143-167.  | 5.5  | 9         |
| 78 | Attributing population-scale human exposure to various source categories: Merging exposure models and biomonitoring data. <i>Environment International</i> , 2014, 70, 183-191.   | 10.0 | 9         |
| 79 | Variability of Urinary Concentrations of Phenols, Parabens, and Triclocarban during Pregnancy in First Morning Voids and Pooled Samples. <i>Environmental Science &amp; Technology</i> , 2021, 55, 16001-16010.                                 | 10.0 | 9         |
| 80 | Cardiometabolic Pregnancy Complications in Association With Autism-Related Traits as Measured by the Social Responsiveness Scale in ECHO. <i>American Journal of Epidemiology</i> , 2022, 191, 1407-1419.                                       | 3.4  | 9         |
| 81 | Quantification of Nonpersistent Pesticides in Small Volumes of Human Breast Milk with Ultrahigh Performance Liquid Chromatography Coupled to Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 6676-6689. | 5.2  | 8         |
| 82 | Agricultural Work Exposures and Pulmonary Function Among Hired Farm Workers in California (The Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5  | 1.5  | 7         |
| 83 | A Survey of Particulate Matter on California Dairy Farms. <i>Journal of Environmental Quality</i> , 2013, 42, 40-47.  | 2.0  | 6         |
| 84 | Evaluating couch polyurethane foam for a potential passive sampler of semivolatile organic compounds. <i>Chemosphere</i> , 2021, 271, 129349.   | 8.2  | 1         |
| 85 | Tracking Contributions to Human Body Burden of Environmental Chemicals by Correlating Environmental Measurements with Biomarkers. <i>PLoS ONE</i> , 2014, 9, e93678.  | 2.5  | 1         |
| 86 | Changes in maternal serum concentrations of per- and polyfluoroalkyl substances from pregnancy to two years postpartum. <i>ISEE Conference Abstracts</i> , 2021, 2021, .  | 0.0  | 0         |