Bibliography of studies citing the PUR database

Part 1. “Data intensive” citations—i.e. those for which PUR data is an integral part of the study. Many of these studies would not be possible without the PUR Database as a source of information.

1A. Journals and trade magazines


Bradman, Asa; Whitaker, Donald; Quirós, Lesliam; Castorina, Rosemary; Henn, Birgit Claus; Nishioka, Marcia; Morgan, Jeffrey; Barr, Dana B.; Harnly, Martha; Brisbin, Judith A.; Sheldon, Linda S.; McKone, Thomas E.; Eskenazi, Brenda (2007) Pesticides and their metabolites in the homes and urine of farmworker children living in the Salinas Valley, CA. *Journal of Exposure Science and Environmental Epidemiology* 17(4): 331-349. [Detailed PUR data in Table 11]


Castorina, Rosemary; Bradman, Asa; Fenster, Laura; Barr, Dana Boyd; Bravo, Roberto; Vedar, Michelle G.; Harnly, Martha E.; McKone, Thomas E.; Eisen, Ellen A.;
Eskenazi, Brenda (2010) Comparison of current-use pesticide and other toxicant urinary metabolite levels among pregnant women in the CHAMACOS cohort and NHANES. *Environmental Health Perspectives* 118(6): 856-863.


Costello, Sadie; Cockburn, Myles; Bronstein, Jeff; Zhang, Xinbo; Ritz, Beate (2009) Parkinson’s disease and residential exposure to maneb and paraquat from agricultural applications in the Central Valley of California. *American Journal of Epidemiology* 8 pp. DOI: 10.1093/aje/kwp006


Domagalski, Joseph L.; Ator, Scott; Coupe, Richard; McCarthy, Kathleen; Lampe, David; Sandstrom, Mark; Baker, Nancy (2008) Comparative study of transport
processes of nitrogen, phosphorus, and herbicides to streams in five agricultural basins, USA. *Journal of Environmental Quality* 37: 1158-1169. [Specific PUR data in Table 2]


Harnly, Martha E.; Bradman, Asa; Nishioka, Marcia; McKone, Thomas E.; Smith, Daniel; McLaughlin, Robert; Kavanagh-Baird, Geri; Castorina, Rosemary; Eskenazi, Brenda (2009) Pesticides in dust from homes in an agricultural area. Environmental Science & Technology 43(23): 8767-8774.

Harnly, Martha; McLaughlin, Robert; Bradman, Asa; Anderson, Meredith; Gunier, Robert (2005) Correlating agricultural use of organophosphates with outdoor air concentrations. A particular concern for children. Environmental Health Perspectives 113(9): 1184-1189.


Howitt, Richard E.; Català-Luque, Rosa; de Gryze, Steven; Wicks, Santhi; Six, Johan (2009) Realistic payments could encourage farmers to adopt practices that sequester carbon. California Agriculture 63(2): 91-95.
Hunt, John W.; Anderson, Brian S.; Phillips, Bryn M.; Tjeerdema, Ron S.; Richard, Nancy; Connor, Val; Worcester, Karen; Angelo, Mark; Bern, Amanda; Fulford, Brian; Mulvaney, Dustin (2006) Spatial relationships between water quality and pesticide application rates in agricultural watersheds. *Environmental Monitoring and Assessment* 121: 245-262.


Kass, Daniel E.; Their, Audrey L.; Leighton, Jessica; Cone, James E.; Jeffery, Nancy L. (2004) Developing a comprehensive pesticide health effects tracking system for an urban setting. New York City’s approach. *Environmental Health Perspectives* 112(14): 1419-1423. [Thought it does not use data from California’s PUR database, this article is included here because it makes such extensive and detailed reference to the CDPR database.]


Pedersen, Joel A.; Yeager, Matt A.; Suffet, I.H. (Mel) (2006) Organophosphorus insecticides in agricultural and residential runoff. Field observations and


Reynolds, Peggy; Hurley, Susan E.; Goldberg, Debbie E.; Yerabati, Sauda; Gunier, Robert B.; Hertz, Andrew; Anton-Culver, Hoda; Bernstein, Leslie; Deapen, Dennis; Horn-Ross, Pamela L.; Peel, David; Pinder, Richard; Ross, Ronald K.; West, Dee; Wright, William E.; Ziogas, Argyrios (2004) Residential proximity to agricultural pesticide use and incidence of breast cancer in the California Teachers Study cohort. *Environmental Research* 96(2): 206-218.


**1B. Conference proceedings (full papers only) and substantial newsletter articles**


1C. Dissertations and theses


Viray, Faye Regina Aquino (2009) Changes in pesticide use and dietary risk in the USA since the passage of the Food Quality Protection Act (FQPA) in 1996. Michigan State University, East Lansing, MI.

2. "Casual citations" – i.e. articles where the citation of the PUR Database is only incidental and outside the main focus of the article. Most cite the PUR Database only once to state some total amount of use for the pesticide under investigation. For example, "In 2001, approximately 240,000 kg of OP pesticide active ingredient were applied in this area [Salinas], a level typical of recent years (California Department of Pesticide Regulation, 2001)" from Bradman et al. (2005) below.


Bradman, Asa; Eskenazi, Brenda; Barr, Dana B.; Bravo, Roberto; Castorina, Rosemary; Chevrier, Jonathan; Kout, Katherine; Harnly, Martha E.; McKone, Thomas E. (2005) Organophosphate urinary metabolite levels during pregnancy and after delivery in women living in an agricultural community. *Environmental Health Perspectives* 113(12): 1802-1807.

Bradman, Asa; Salvatore, Alicia L.; Boeniger, Mark; Castorina, Rosemary; Snyder, John; Barr, Dana B.; Jewell, Nicholas P.; Kavanagh-Baird, Geri; Striley, Cynthia; Eskenazi, Brenda (2009) Community-based intervention to reduce pesticide exposure to farmworkers and potential take-home exposure to their families. *Journal of Exposure Science and Environmental Epidemiology* 19(1): 79-89.
Brody, Julia Green; Aschengrau, Ann; McKelvey, Wendy; Rudel, Ruthann A.; Swartz, Christopher H.; Kennedy, Theresa (2004) Breast cancer risk and historical exposure to pesticides from wide-area applications assessed with GIS. *Environmental Health Perspectives* 112: 889-897.


Eskenazi, Brenda; Huen, Karen; Marks, Amy; Harley, Kim G.; Bradman, Asa; Barr, Dana Boyd; Holland, Nina (2010) PON1 and neurodevelopment in children from the CHAMACOS study exposed to organophosphate pesticides *in utero*. *Environmental Health Perspectives* 118(12): 1775-1781.

Eskenazi, Brenda; Rosas, Lisa G.; Marks, Amy R.; Bradman, Asa; Harley, Kim; Holland, Nina; Johnson, Caroline; Fenster, Laura; Barr, Dana B. (2008) Pesticide toxicity and the developing brain. *Basic & Clinical Pharmacology & Toxicology* 102(2): 228-236.


Gao, Suduan; Qin, Ruijun; Hanson, Bradley D.; Tharayil, Nishanth; Trout, Thomas J.; Wang, Dong; Gerik, James (2009) Effects of manure and water applications on 1,3-dichloropropene and chloropicrin emissions in a field trial. *Journal of Agricultural and Food Chemistry* 57(12): 5428-5434.

Gao, Suduan; Qin, Ruijun; McDonald, Jason A.; Hanson, Bradley D.; Trout, Thomas J. (2008) Field tests of surface seals and soil treatments to reduce fumigant emissions from shank injection of Telone C35. *Science of the Total Environment* 405(1-3): 206-214,


Holland, Nina; Furlong, Clement; Bastaki, Maria; Richter, Rebecca; Bradman, Asa; Huen, Karen; Beckman, Kenneth; Eskenazi, Brenda (2006) Paraoxonase polymorphisms, haplotypes, and enzyme activity in Latino mothers and newborns. *Environmental Health Perspectives* 114: 985-991.


Luedeling, Eike; Steinmann, Kimberly P.; Zhang, Minghua; Brown, Patrick H.; Grant, Joseph; Girvetz, Evan H. (2011) Climate change effects on walnut pests in California. *Global Change Biology* 17(2): 228-238.


Moreno, María-José; Abad, Antonio; Pelegrí, Rosa; Martínez, María-Isabel; Sáez, Adolfo; Gamón, Miguel; Montoya, Angel (2001) Validation of a monoclonal enzyme immunoassay for the determination of carbofuran in fruits and vegetables. *Journal of Agricultural and Food Chemistry* 49(4): 1713-1719.


Young, Jessica G.; Eskenazi, Brenda; Gladstone, Eleanor A.; Bradman, Asa; Pedersen, Lesley; Johnson, Carolina; Barr, Dana B.; Furlong, Clement E.; Holland, Nina T. (2005) Association between *in utero* organophosphate pesticide exposure and abnormal reflexes in neonates. *NeuroToxicology* 26(2): 199-209.