

- Miller, J.L., C.M. Walker, H.C. Bailey, K.K. Miller, V. Connor. In Review. Inhibition of phytoplankton production in the San Francisco Bay Estuary, California, USA: Do contaminants play a role? *Environ Toxicol Chem*.
- Moore, M., D. Denton, C. Cooper, J. Wrysinski, J. Miller, I. Werner, G. Horner, D. Crane, D. Holco,b, G. Huddleston III. 2011. Use of vegetated agricultural drainage ditches to decrease pesticide transport from tomato and alfalfa fields in California. *Environ Toxicol Chem* 30(5): 1044-9
- Miller, J.L., M.J. Miller, V. DeVlaming, K. Larsen, E. Smith, and K. Reese. 2009. Selection and application of rainbow trout testing procedure for screening Sacramento River Watershed, California samples. *Environ. Monit. Assess.* 150:333-349.
- Maidrand, M, C. Irvine, J. Miller, M. Miller, B. Sample and R. Parales. 2009. A Toxicity Reduction Evaluation at a Wastewater Treatment Plant: Identifying Bacterial Chronic Toxicity to *Ceriodaphnia dubia*. *Water Environ Lab Sols* 2:6-9.
- Moore, M.T., D. L. Denton, C. M. Cooper, J. Wrysinski, J.L Miller, K. Reese, D. Crane, and P. Robins. 2008. Mitigation Assessment of Vegetated Ditches for Collecting Irrigation Runoff in California. *J Environ Qual* 37:486-493.
- Wheelock, C.E., B.M. Phillips, B.S. Anderson, J.L. Miller, M.J. Miller, and B.D. Hammock. 2008. Applications of Carboxylesterase Activity in Environmental Monitoring and Toxicity Identification Evaluations (TIEs). *Reviews in Environmental Contamination and Toxicology*. 195:117-178.
- Wheelock, C.E., J.L. Miller, M.J. Miller, B.M. Phillips, S.A. Huntley, S.J. Gee, R.S. Tjeerdema, and B.D. Hammock. 2006. Use of carboxylesterase activity to remove pyrethroid-associated toxicity to *Ceriodaphnia dubia* and *Hyalella azteca* in Toxicity Identification Evaluations (TIEs). *Environ Toxicol Chem* 25:973-984.
- Wheelock, C.E., J.L. Miller, M.J. Miller, B.M. Phillips, S.J. Gee and B.D. Hammock. 2005. Effect of pyrethroid adsorption to testing containers upon observed toxicity to *Ceriodaphnia dubia* and *Hyalella azteca*. *Aquatic Toxicol.* 74:42-52.
- Wheelock, C.E., J.L. Miller, M.J. Miller, B.M. Phillips, S.A. Huntley, S.J. Gee, R.S. Tjeerdema, and B.D. Hammock. 2005. Use of carboxylesterase activity to remove pyrethroid-associated toxicity to *Ceriodaphnia dubia* and *Hyalella azteca* in Toxicity Identification Evaluations (TIEs). *Environ. Toxicol. Chem.*
- Miller, J.L. and M.J. Miller. 2005. Identification of cause of toxicity in a municipal wastewater treatment plant effluent. In: Norberg-King TJ, Ausley LW, Burton DT, Miller JL, Waller WT. *Toxicity reduction and toxicity identifications (TIE) for effluents*,

*ambient waters and other aqueous media*. Society of Environmental Toxicology and Chemistry (SETAC). Pensacola FL, USA. 496p

- Miller, J.L., M.J. Miller and V. de Vlaming. 2005. Use of Enzyme-Linked Immunosorbant Assay (ELISA) Procedures for measuring diazinon and chlorpyrifos in ambient monitoring and TIE studies. In: Norberg-King TJ, Ausley LW, Burton DT, Miller JL, Waller WT. *Toxicity reduction and toxicity identifications (TIE) for effluents, ambient waters and other aqueous media*. Society of Environmental Toxicology and Chemistry (SETAC). Pensacola FL, USA. 496p.
- Miller, J.L., M.J. Miller and V. de Vlaming. 2005. Identification of causes of toxicity in urban creek stormwater. In: Norberg-King TJ, Ausley LW, Burton DT, Miller JL, Waller WT. *Toxicity reduction and toxicity identifications (TIE) for effluents, ambient waters and other aqueous media*. Society of Environmental Toxicology and Chemistry (SETAC). Pensacola FL, USA. 496p.
- Miller, J.L., M.J. Miller and V. de Vlaming. 2005. Use of antibody-mediated procedures to identify and confirm the role of diazinon and chlorpyrifos in surface water toxicity. In: Norberg-King TJ, Ausley LW, Burton DT, Miller JL, Waller WT. *Toxicity reduction and toxicity identifications (TIE) for effluents, ambient waters and other aqueous media*. Society of Environmental Toxicology and Chemistry (SETAC). Pensacola FL, USA. 496p.
- Miller, J.L., M.J. Miller, K. Larsen, P. Green and T. Young. 2005. V. de Vlaming. 2005. Identification of causes of toxicity to algae in Sacramento-San Joaquin delta. In: Norberg-King TJ, Ausley LW, Burton DT, Miller JL, Waller WT. *Toxicity reduction and toxicity identifications (TIE) for effluents, ambient waters and other aqueous media*. Society of Environmental Toxicology and Chemistry (SETAC). Pensacola FL, USA. 496p.
- Wheelock, C.E., J.L. Miller, M.J. Miller, S.J. Gee, G. Shan, and B.D. Hammock. 2004. Development of toxicity identification evaluation procedures for pyrethroid detection using esterase activity. *Environ. Toxicol. Chem.* 23:2699-2708.
- Miller, J.L. and M.J. Miller. 1999. TRE Case Study: Central Contra Costa Sanitary District, Martinez, California. Toxicity reduction evaluation guidance for municipal wastewater treatment plants. Appendix B. EPA 833-B-99-002.
- Miller, J.L. and M.J. Miller. 1999. TRE Case Study: Central Contra Costa Sanitary District, Martinez, California and other San Francisco bay area POTWs. Toxicity reduction evaluation guidance for municipal wastewater treatment plants. Appendix F. EPA 833-B-99-002.

- Bailey, H.C., J.L. Miller, M.J. Miller, L.C. Wiborg, L. Deanovic and T. Shed. 1996. Joint toxicity of diazinon and chlorpyrifos under the conditions of acute exposure to *Ceriodaphnia dubia*. *Environ. Toxicol. Chem.* 16:2304-2308.
- Bailey, H.C., C. DiGiorgio, K. Kroll, J.L. Miller, D.E. Hinton, and G. Starrett. 1996. Development of procedures for identifying pesticide toxicity in ambient waters: carbofuran, diazinon and chlorpyrifos. *Environ. Toxicol. Chem.* 15:837-845
- Bailey, H.C., J.L. Miller, M.J. Miller and B.S. Dhaliwal. 1995. Application of toxicity identification procedures to the echinoderm fertilization assay to identify toxicity in a municipal effluent. *Environ. Toxicol. Chem.* 14(12):2181-2186.