

## ROBERT I. KRIEGER

### REFEREED: Scientific Publications

#### Published:

1. Krieger, R. I. and C. F. Wilkinson. 1969. Microsomal Mixed-Function Oxidases in Insects. I. Localization and Properties of an Enzyme System Affecting Aldrin Epoxidation in Larvae of the Southern Armyworm (*Prodenia eridania*). *Biochem. Pharmacol.* 18: 1403-1415.
2. Krieger, R. I. and C. F. Wilkinson. 1970. An Endogenous Inhibitor of Microsomal Mixed-Function Oxidases in Homogenates of the Southern Armyworm (*Prodenia eridania*). *Biochem. J.* 116: 781-789.
3. Krieger, R. I., M. D. Gilbert, and C. F. Wilkinson. 1970. Microsomal Mixed-Function Oxidase Activity in *Macremphytus varianus*. *J. Econ. Entomol.* 63: 1322-1323.
4. Krieger, R. I. and C. F. Wilkinson. 1970. Stabilization of Insect Microsomal Preparations by Freezing. *J. Econ. Entomol.* 63: 1343-1344.
5. Krieger, R. I. and C. F. Wilkinson. 1971. The Metabolism of 6,7-Dihydroisodrin by Microsomes and Southern Armyworm Larvae. *Pest Biochem. Physiol.* 1: 92-100.
6. Krieger, R. I. 1971. Toads in the Biological Control of Southern Armyworm Larvae in the Greenhouse. *J. Econ. Entomol.* 64: 335.
7. Krieger, R. I., P. P. Feeny, and C. F. Wilkinson. 1971. Detoxication Enzymes in the Guts of Caterpillars: An Evolutionary Answer to Plant Defenses? *Science* 172: 579-581.
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10. Krieger, R. I. and P. W. Lee. 1973. Properties of the Aldrin Epoxidase System in the Gut and Fat Body of a Caddisfly Larva. *J. Econ. Entomol.* 66: 1-6.
11. Krieger, R. I., P. W. Lee, A. L. Black, and T. R. Fukuto. 1973. Inhibition of Microsomal Aldrin Epoxidation by Diquat and Several Related Bipyridylum Compounds. *Bull. Environ. Contam. Toxicol.* 9: 1-3.
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13. Krieger, R. I. and P. W. Lee. 1973. Inhibition of *in vivo* and *in vitro* Epoxidation of Aldrin, and Potentiation of Toxicity of Various Insecticide Chemicals by Diquat in Two Species of Fish. *Arch. Environ. Contam. Toxicol.* 1: 112-121.
14. Georghiou, G. P., A. L. Black, R. I. Krieger, and T. R. Fukuto. 1974. Joint Action of Diquat and Related One-Electron Transfer Agents with Propoxur and Fenthion Against Mosquito Larvae. *J. Econ. Entomol.* 67: 184-186.
15. Hsieh, D. P. H., J. I. Dalezios, R. I. Krieger, M. S. Masri, and W. F. Haddon. 1974. Use of Monkey Liver Microsomes in Production of Aflatoxin Q<sub>1</sub>. *J. Agric. Food Chem.* 22: 515-517.
16. Thongsinthusak, T. and R. I. Krieger. 1974. Inhibitory and Inductive Effects of Piperonyl Butoxide on Dihydroisodrin Hydroxylation *in vivo* and *in vitro* in Black Cutworm (*Agrotis ypsilon*) larvae. *Life Sci.* 14: 2131-2141.
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26. Clark, C. R. and R. I. Krieger. 1976.  $\beta$ -Diethylaminoethyl-Diphenyl-Propylacetate (SKF 525-A) Enhancement of Tissue Accumulation of Aldrin in Mice. *Toxicol. Appl. Pharmacol.* 38: 315-323.
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