

**Convenient Analytical Method for Quantitative Determination of 23 Pesticide Residues in Herbs by Gas Chromatography-Mass Spectrometry**

R. Dai · X. Ren · X. He · Y. Huo 559

**A  $K_{ow}$ -Based QSAR Model for Predicting Toxicity of Halogenated Benzenes to all Algae Regardless of Species**

M. Zeng · Z. Lin · D. Yin · Y. Zhang · D. Kong 565

**Parameter Validation of Analytical Methods of Insecticide Residue Analyses in Foods of Animal Origin, Feed and Water**

A. Debebe · S. Kuttalam 571

**Estimating Toxic Effect of Copper on Population of Microalgae Through a Three-dimensional Toxic Effect Growth Model**

C. Wang · H. Li · X. Wang · Y. Zhang 576

**Effect of Two Herbicides on *Xenylla Welchi* (Hexapoda:Collembola) Under Laboratory Conditions**

A. Haque · R. Das Gupta · P.P. Chakravorty 583

**Genotoxicity of Stereoisomers of 1,2,3,4-Diepoxybutane in the *gpt* Gene of Chinese Hamster Ovary AS52 Cells**

M.Y. Kim 587

**Effects of Iron on Benthic Macroinvertebrate Communities in the Field**

A. Peters · M. Crane · W. Adams 591

**Influence of Bioassay Volume, Water Column Height, and Octanol-Water Partition Coefficient on the Toxicity of Pesticides to Rainbow Trout**

I. Altinok · E. Capkin · H. Boran 596

**Comparison of Diazinon Toxicity to Embryos of *Xenopus laevis* and *Danio rerio*; Degradation of Diazinon in Water**

H. Modra · D. Vrskova · S. Macova · J. Kohoutkova · J. Hajslova · I. Haluzova · Z. Svobodova 601

**Responses of *Pisum sativum* L. to Exogenous Indole Acetic Acid Application Under Manganese Toxicity**

S. Gangwar · V.P. Singh · J.N. Maurya 605

**Histopathological Effects of Contaminated Sediments on Golden Apple Snail (*Pomacea canaliculata*, Lamarck 1822)**

M. Kruatrachue · C. Sumritdee · P. Pokethitiyook · S. Singhakaew 610

**Glove Accumulation of Pesticide Residues for Strawberry Harvester Exposure Assessment**

Y. Li · L. Chen · Z. Chen · J. Coehlo · L. Cui · Y. Liu · T. Lopez · G. Sankaran · H. Vega · R. Krieger 615

**Phthalates in Toys Available in Indian Market**

S. Johnson · N. Saikia · R. Sahu 621

**Phthalates and Bisphenols Migration in Mexican Food Cans and Plastic Food Containers**

M.I. González-Castro · M.F. Olea-Serrano · A.M. Rivas-Velasco · E. Medina-Rivero · L.G. Ordoñez-Acevedo · A. De León-Rodríguez 627

**Hydrocarbons Derived from Petroleum in Bottled Drinking Water from Mexico City**

S. Vega · R. Gutiérrez · R. Ortiz · B. Schettino · M.L. Ramírez · J.J. Pérez 632

**Contents continued**

**Occurrence and Concentration of Dissolved Silver in Rivers in England and Wales**

A. Peters · P. Simpson · G. Merrington · K. Rothenbacher · L. Sturdy 637

**Assessment of Exposure to Lead in Humans and Turtles Living in an Industrial Site in Coatzacoalcos Veracruz, Mexico**

N.A. Pelallo-Martínez · C.A. Ilizaliturri-Hernández · G. Espinosa-Reyes · L. Carrizales-Yáñez · D.J. González-Mille 642

**Screening of Plant Species for Phytoremediation of Uranium, Thorium, Barium, Nickel, Strontium and Lead Contaminated Soils from a Uranium Mill Tailings Repository in South China**

G. Li · N. Hu · D. Ding · J. Zheng · Y. Liu · Y. Wang · X. Nie 646

**Preliminary Study of Metal in Yak (*Bos grunniens*) Milk from Qilian of the Qinghai Plateau**

W. Sun · Y. Luo · H. Ma 653

**Mercury in Liver, Kidney, Feather and Muscle of Seabirds from Major Wetlands of the Caspian Sea, Iran**

J. Aazami · A. Esmaili-Sari · N. Bahramifar · M. Ghasempouri · M. Savabieasfahani 657

**Effect of Chromated Copper Arsenate Structures on Adjacent Soil Arsenic Concentrations**

S.C. Patch · K. Scheip · B. Brooks 662

**Total and Bioavailable Arsenic Concentration in Arid Soils and its Uptake by Native Plants from the Pre-Andean Zones in Chile**

O. Díaz · Y. Tapia · R. Pastene · S. Montes · N. Núñez · D. Vélez · R. Montoro 666

**Spring Snowmelt and Mercury Export from a Forested Catchment in the Czech Republic, Central Europe**

T. Navrátil · J. Rohovec · M. Hojdová · M. Vach 670

**Risk Assessment of Dissolved Trace Metals in Drinking Water of Karachi, Pakistan**

Z. Karim 676

**Total and Organic Mercury in Ten Fish Species for Human Consumption from the Mexican Pacific**

J. Ruelas-Inzunza · J. Hernández-Osuna · F. Páez-Osuna 679