

Validation of Rapid Assimilation of PCBs Following IP Dosing in the Round Goby (*Neogobius melanostomus*)
J.A. O'Neil · T.B. Johnson · K.G. Drouillard **135**

Apportionment of PCB Sources Near a Transformer Maintenance and Repair Facility in Ankara, Turkey
F. Karakas · K. Gedik · I. Imamoglu **141**

Molecular Characterization of 2-Chlorobiphenyl Degrading *Stenotrophomonas maltophilia* GS-103
P.K. Somaraja · D. Gayathri · N. Ramaiah **148**

Residues of Legacy Organochlorine Contaminants in the Milk of Alpine and Saanen Goats from the Central Region of Mexico

B. Schettino · R. Gutiérrez · R. Ortiz · S. Vega · G. Urban · A. Ramírez **154**

MSPD Sample Preparation Approach for Reversed-Phase Liquid Chromatographic Analysis of Pesticide Residues in Stem of Coconut Palm

J.A. Ferreira · L.F.S. Santos · N.R. da S. Souza · S. Navickiene · F.A. de Oliveira · V. Talamini **160**

Assessment of Pesticide Residues in Karabogaz Lake from Kızılırmak Delta, Turkey

Z. Yurtkuran · Y. Saygı **165**

Determination of Levels of Current Drugs in Hospital and Urban Wastewater

E. Saussereau · C. Lacroix · M. Guerbet · D. Cellier · J. Spiroux · J.-P. Goullié **171**

Multidrug and Heavy Metal-Resistant *Raoultella planticola* Isolated from Surface Water
S. Koc · B. Kabatas · B. Icgen **177**

Impacts of Changing Atmospheric Deposition Chemistry on Nitrogen and Phosphorus Loading to Ganga River (India)

J. Pandey · A.V. Singh · A. Singh · R. Singh **184**

Mercury Toxicity to Freshwater Organisms: Extrapolation Using Species Sensitivity Distribution

A.C.M. Rodrigues · F.T. Jesus · M.A.F. Fernandes · F. Morgado · A.M.V.M. Soares · S.N. Abreu **191**

Identification of Optimal Concentrations and Incubation Times for the Study of In Vitro Effects of Pb in Ram Spermatozoa

P. Castellanos · A. Maroto-Morales · O. García-Álvarez · J.J. Garde · R. Mateo **197**

Reproductive Recovery of a Common Eider *Somateria mollissima* Population Following Reductions in Discharges of Polycyclic Aromatic Hydrocarbons (PAHs)

J.O. Bustnes **202**

Powder Characteristics and Biocidal Activity of the MnO_x-WO₃-TiO₂ System Synthesized by a Sol-Gel Method for Antifouling Agents

B. Shin · S. Kim · H. Lee · H. Park **208**

Role of Silicon in Alleviating Salt-Induced Toxicity in White Clover

Q. Guo · L. Meng · P. Mao · X. Tian **213**

A Comparative Study on the Impact of Phthalate Esters on Soil Microbial Activity

H. Chen · R. Zhuang · J. Yao · F. Wang · Y. Qian **217**

Contents continued

Effects of Petroleum Hydrocarbon Contaminated Soil on Germination, Metabolism and Early Growth of Green Gram, *Vigna radiata* L.

K. Masakorala · J. Yao · R. Chandankere · H. Yuan · H. Liu · C. Yu · M. Cai **224**

Lead Accumulation in the Straw Mushroom, *Volvariella volvacea*, from Lead Contaminated Rice Straw and Stubble

T. Kumhomkul · T. Panich-pat **231**

Bioavailability and Toxicity of Arsenic in Maize (*Zea mays* L.) Grown in Contaminated Soils

G. Drličková · M. Vaculík · P. Matejkovič · A. Lux **235**

Residues of ^{14}C -Ethion Along the Extraction and Refining Process of Maize Oil, and the Bioavailability of Bound Residues in the Cake for Experimental Animals

H. Abdel-Gawad · R.M. Abdel-Hameed · A. Witczak **240**

Dissipation Rate and Residual Fate of Thiamethoxam in Tobacco Leaves and Soil Exposed to Field Treatments

X. Wang · Z. Xiang · X. Yan · H. Sun · Y. Li · C. Pan **246**

Dissipation and Residue of Rotenone in Cabbage and Soil Under Field Conditions

Y. Zhou · N. Zhang · K. Wang · W. Li · H. Li · Z. Zhang **251**

Dissipation and Residue of Spinosad in Zucchini Under Field Conditions

Y. Liu · H. Sun · S. Wang **256**