

A Method for Screening of Volatile Antimicrobial Compounds

R.P. Singh 145

Gas Chromatographic Method for Residue Analysis of Metsulfuron Methyl from Soil

S.B. Singh · R. Paul 149

Geochemical Modeling of High Fluoride Concentration in Groundwater of Pokhran Area of Rajasthan, India

C.K. Singh · K. Rina · R.P. Singh · S. Shashtri · V. Kamal · S. Mukherjee 152

Stability of Mercury Concentrations in Frozen Avian Blood Samples

C.W. Varian-Ramos · A.M. Condon · K.K. Hallinger · K.A. Carlson-Drexler · D.A. Cristol 159

Influence of Physicochemical and Watershed Characteristics on Mercury Concentration in Walleye, *Sander vitreus*, M.

C.-A. Hayer · S.R. Chipps · J.J. Stone 163

Seasonal Variation in Physicochemical Parameters and Heavy Metals in Water of Upper Lake of Bhopal

R. Virha · A.K. Biswas · V.K. Kakaria · T.A. Qureshi · K. Borana · N. Malik 168

Mercury in Egg and Eggshell of Whiskered Tern (*Chlidonias hybrida*) from Anzali Wetlands of the Caspian Sea, Iran

A. Aliakbari · M. Savabieasfahani · S.M. Ghasempouri 175

Health Risk Associated to Dietary Intake of Mercury in Selected Coastal Areas of Mexico

J. Ruelas-Inzunza · F. Páez-Osuna · A.C. Ruiz-Fernández · N. Zamora-Arellano 180

Chromium, Cobalt and Nickel Contents in Urban Soils of Moa, Northeastern Cuba

O. Díaz Rizo · I. Coto Hernández · J.O. Arado López · O. Díaz Arado · N. López Pino · K. D'Alessandro Rodríguez 189

Trace Metals in Algae and Sediments from the North-Eastern Tunisian Lagoons

M. El Ati Hellal · F. Hellal · Z. El Khemissi · R. Jebali · M. Dachraoui 194

Lead Poisoning Risk for Dairy Cows in the Semi-Arid Region of Pernambuco, Brazil

C.M. Silva · R.S. Amaral · F.C.A. Ribeiro · J.N. Tabosa · J.A.S. Júnior · R.S.C. Menezes 199

Effects of the Metals Lead and Zinc on the Growth, Development, and Reproduction of *Pardosa Astrigera* (Araneae: Lycosidae)

X. Chen · Z. Zhang · R. Liu · X.-L. Zhang · J. Chen · Y. Peng 203

Dietary Intake of Total and Inorganic Arsenic by Adults in Arsenic-Contaminated Dan Chang District, Thailand, Using Duplicate Food Approach

S. Ruangwises · N. Ruangwises · P. Saipan 208

Contents continued

Assessment of Polychlorinated Biphenyls and Mercury Levels in Soil and Biological Samples from San Felipe, Nuevo Mercurio, Zacatecas, Mexico

R. Costilla-Salazar · A. Trejo-Acevedo ·
D. Rocha-Amador · O. Gaspar-Ramírez ·
F. Díaz-Barriga · I.N. Pérez-Maldonado 212

Bioaccumulation of Aluminum by *Lemna gibba* L. from Secondary Treated Municipal Wastewater Effluents

E. Obek · A. Sasmaz 217

Polycyclic Aromatic Hydrocarbons in Water from the Menderes River, Turkey

H. Ardag · M.Z. Ozel · A. Sen 221

Toxicity of Trichloroethylene (TCE) on Some Algae and Cyanobacteria

J. Lukavský · S. Furnadzhieva · F. Ditttr 226

Observation of Sward Destruction Caused by Irrigation with Toxic *Microcystis* Morphospecies Containing Water in Southern Hungary

I. Bácsi · G. Surányi · S. Gonda · G. Gyémánt ·
G. Vasas 232

Persistence and Dissipation of Fluopicolide in/on Grape Berries and Soil Under Semi Arid Tropical Climatic Conditions of India

S. Mohapatra · A.K. Ahuja · M. Deepa · G.K. Jagdish ·
N. Rashmi · S. Kumar · G.S. Prakash 238

Fate of Fipronil in Cotton and Soil Under Tropical Climatic Conditions

I. Chopra · R. Chauhan · B. Kumari · K.K. Dahiya 242