

Analysis of Arsenic Bioaccumulation in Different Organs of the Nutritionally Important Catfish, *Clarias batrachus* (L.) Exposed to the Trivalent Arsenic Salt, Sodium Arsenite

R. Kumar · T.K. Banerjee 445

Metal Concentrations in Two Commercial Fish from Persian Gulf, in Relation to Body Length and Sex

M.S. Mortazavi · S. Sharifian 450

Determination of Metal (Cu, Zn, Se, Cr and Cd) Levels in Tissues of the Cyprinid Fish, *Capoeta trutta* (Heckel, 1843) from Different Regions of Keban Dam Lake (Euphrates-Turkey)

D. Danabas · M. Ural 455

Chloramphenicol Residues in Muscle of Rainbow Trout Following Two Different Dose Treatments

N. Bilandžić · S. Tanković · I. Varenina · B.S. Kolanović · M. Smajlović 461

Toxic Element Concentrations in the Bottlenose (*Tursiops truncatus*), Striped (*Stenella coeruleoalba*) and Risso's (*Grampus griseus*) Dolphins Stranded in Eastern Adriatic Sea

N. Bilandžić · M. Sedak · M. Đokić · M. Đuras Gomerčić · T. Gomerčić · M. Zadravec · M. Benić · A. Prevendar Crnić 467

Assessment of Pollution in Ataturk Dam Lake (Adiyaman, Turkey) Using Several Biochemical Parameters in Common Carp, *Cyprinus carpio* L.

Ö. Firat · M.F. Alici 474

Histopathological Effects and Bioaccumulation of Mercury in the Kidney of an Indian Major Carp, *Labeo rohita* (Hamilton)

D. Ghosh · D.K. Mandal 479

Assessment of Metal Concentrations in Muscles of the Blue Crab, *Callinectes danae* S., from the Santos Estuarine System

I.C.A.C. Bordon · J.E.S. Sarkis · A.R.G. Tomás · A. Scalco · M. Lima · M.A. Hortellani · N.P. Andrade 484

Distribution of Metals in the Tissues of Benthic, *Euryglossa orientalis* and *Cynoglossus arel*, and Benthic-Pelagic, *Johnius belangerii*, Fish from Three Estuaries, Persian Gulf

F. Abdollahpur Monikh · S. Peery · O. Karami · M. Hosseini · A.A. Bastami · A.F. Ghasemi 489

Metal Concentrations in the Water of Chah Nimeh Reservoirs in Zabol, Iran

G. Rajaei · B. Mansouri · H. Jahantigh · A.H. Hamidian 495

Seaweed and Chlorophyll as Biomarkers of Metals in the Persian Gulf, Iran

M. Alahverdi · M. Savabieasfahani 501

Assessment of Metals Distribution and Microbial Contamination at Selected Lake Waters in and Around Miri City, East Malaysia

M.V. Prasanna · R. Nagarajan · S. Chidambaram · A. Elayaraja 507

Assessment of Metal Concentrations in Sediments from Lake Bafa (Western Anatolia): An Index Analysis Approach

S. Yilgor · F. Kucuksezgin · E. Ozel 512

Perfluorinated Compounds in Surface Water and Organisms from Baiyangdian Lake in North China: Source Profiles, Bioaccumulation and Potential Risk

Z. Zhou · Y. Shi · W. Li · L. Xu · Y. Cai 519

Relationship Between Industrial Discharges and Contamination of Raw Water Resources by Perfluorinated Compounds. Part I: Case Study of a Fluoropolymer Manufacturing Plant

X. Dauchy · V. Boiteux · C. Rosin · J.-F. Munoz 525

Relationship Between Industrial Discharges and Contamination of Raw Water Resources by Perfluorinated Compounds: Part II: Case Study of a Fluorotelomer Polymer Manufacturing Plant

X. Dauchy · V. Boiteux · C. Rosin · J.-F. Munoz 531

Releases of Dioxin-like PCBs in Water, Soil and Residue Produced from High Thermal Processes and Waste Incinerators

C. Chavhan · J. Sheikh · T. Algiwale · B. Thokchom · N. Thacker 537

Levels of PCDD/Fs, DL-PCBs and HCB in Air, Soils and Sediments from a City with Multiple Thermal-Related Industries in China

C. Li · M.H. Zheng · B. Zhang · L.R. Gao · L.D. Liu · X.X. Jiang · Z.T. Liu 542

Measurement of Oxytetracycline and Emamectin Benzoate in Freshwater Sediments Downstream of Land Based Aquaculture Facilities in the Atlantic Region of Canada

B.A. Lalonde · W. Ernst · L. Greenwood 547

Antibiotic and Heavy Metal Resistance in Bacteria Isolated from the Eastern Mediterranean Sea Coast

F. Matyar 551

Evaluation of Environmental Impacts of Two Common Restoration Methodologies for Pipes that Convey Stormwater Runoff

D.E. Ren · J.A. Smith 557

Residues of HCHs and DDTs in Soils and Sediments of Preconstructing Urban Wetland

T. Wu · B. Hong · S. Zhou · J. Zhao · C. Xia · H. Liu 563

Assessment the Toxic Effects of Dimethoate to Rotifer Using Swimming Behavior

R. Guo · X. Ren · H. Ren 568

A Pilot Study Determining Hair Arsenic and Lead Levels in Residents of a Community Established on a Former Landfill in Puerto Rico

V. Moreno-Santini · I. Mansilla-Rivera · O. García-Rodríguez · C.J. Rodríguez-Sierra 572

Investigation of Cadmium Contamination Using Hair of the Japanese Macaque, *Macaca fuscata*, from Shimokita Peninsula, Aomori Prefecture in Japan

M. Mochizuki · R. Anahara · T. Mano · Y. Nakayama · M. Kobori · T. Omi · S. Matsuoka · F. Ueda 577

Comparative Studies of Metal Air Pollution by Atomic Spectrometry Techniques and Biomonitoring with Moss and Lichens

G. State · I.V. Popescu · C. Radulescu · C. Macris · C. Stihl · A. Gheboianu · I. Dulama · O. Nițescu 580

Organochlorine Pesticide Residues in Human Blood Samples Collected from Haryana, India and the Changing Pattern

C.P. Kaushik · N. Sharma · S. Kumar · A. Kaushik 587

Bio-monitoring of Persistent Organochlorines in Human Milk and Blood Samples from Sub-Himalayan Region of India

S. Rai · V.K. Dua · A.K. Chopra 592

Thiacloprid Residues and Its Safety Evaluation in Darjeeling Tea

D. Banerjee · H. Banerjee 598

Persistence Behaviour of Thiacloprid Residues in/on Green Tea Leaves, Processed Tea and Tea Infusion

M. Paramasivam · J. Kavitha · S. Chandrasekaran 602

Dissipation Kinetics of Trifloxystrobin and Tebuconazole on Wheat Leaves and Their Harvest Time Residues in Wheat Grains and Soil

S. Kaur · R. Takkar · U. Bhardwaj · R. Kumar · R.S. Battu · B. Singh 606

Dissipation and Residues of Flutriafol in Wheat and Soil Under Field Conditions

Y. Song · Z. Zou · Y. Gong · W. Shan · W. Li · L. Han 611

Co-occurrence of Fumonisin and Deoxynivalenol in Wheat and Maize Harvested in Serbia

S. Jakšić · B. Abramović · I. Jajić · M.Ž. Baloš · Ž. Mihaljev · V. Despotović · D. Šojčić 615

Evaluation of Health Risk and Arsenic Levels in Vegetables Sold in Markets of Dhaka (Bangladesh) and Salamanca (Spain) by Hydride Generation Atomic Absorption Spectroscopy

H.M. Anawar · A. Garcia-Sanchez · M.N. Hossain · S. Akter 620

Evaluation of Pesticide Residues in Farmgate Samples of Vegetables in Karnataka, India

S.R. Ananda Gowda · R.K. Somashekar 626

Analysis of Pesticide Residues in Fresh Peppermint, *Mentha piperita* L., Using the Quick Easy Cheap Effective Rugged and Safe Method (QuEChERS) Followed by Gas Chromatography with Electron Capture and Nitrogen Phosphorus Detection

M. Słowik-Borowiec · E. Szpyrka · S. Walorczyk 633

Pesticide Residue Levels in Green Beans Cultivated in Souss Masa Valley (Morocco) After Multiple Applications of Bifenthrin and λ -Cyhalothrin

M. Bouri · R. Salghi · Lh. Bazzi · A. Zarrouk · A. Rios · M. Zougagh 638

Dissipation and Residue of Acetamiprid in Watermelon and Soil in the Open Field

J. Wu · K. Wang · H. Zhang 644

Residues and Dynamics of Kasugamycin in Chilli and Soil

L. Lu · S. Zhao · L. Deng · Y. Chen · X. Liu · D. Li 649

Dissipation and Residues of Emamectin Benzoate in Cabbage

S. Liu · F. Zhang · L. Wang · C. Pan 654

Pesticide Residues in Tobacco Leaves from the Kushtia District in Bangladesh

M.A. Rahman · A.Z. Chowdhury · M. Moniruzzaman · S.H. Gan · M.N. Islam · Z. Fardous · M.K. Alam 658

Residues and Dissipation Dynamics of Fosthiazate in Tomato and Soil

J. Wu · K. Wang · H. Zhang 664

Dissipation and Residue Determination of Fluoroglycofen-Ethyl in Soybean and Soil by UPLC-MS-MS

Y. Geng · R. Jia · C. Li · X. Ma · Y. Lin 669

Development of a Method for the Analysis of Four Plant Growth Regulators (PGRs) Residues in Soybean Sprouts and Mung Bean Sprouts by Liquid Chromatography-Tandem Mass Spectrometry

F. Zhang · P. Zhao · W. Shan · Y. Gong · Q. Jian · C. Pan 674

Removal of Crude Oil by Microbial Consortium Isolated from Oil-Spilled Area in the Korean Western Coast

S.-H. Cho · K.-H. Oh 680

Effects of Sub-Acute Exposure to Rhodium (as Rh (III) chloride hydrate) on Cytokines in Female Wistar Rats

I. Iavicoli · A. Sgambato · L. Fontana · A. Marinaccio · V. Leso · M. Corbi · A. Bergamaschi · E.J. Calabrese 686