Volume 82, 1 August 2012

CONTENTS

Ecotoxicology and Environmental Safety is covered in Index Medicus, MEDLINE, SIIC Data Bases, and PubMed. Also covered in the abstract and citation database SciVerse Scopus®. Full text available on SciVerse ScienceDirect®.

REGULAR ARTICLES

- Occurrence and removal of polycyclic aromatic hydrocarbons in the wastewater treatment process Weijun Tian, Jie Bai, Kunkun Liu, Huimei Sun and Yangguo Zhao
- 8 Phytoremediation of heavy metals from fly ash pond by Azolla caroliniana Vimal Chandra Pandey
- 13 Transcriptomic comparison of cyanotoxin variants in a human intestinal model revealed major differences in oxidative stress response: Effects of MC-RR and MC-LR on Caco-2 cells

Perrine Zeller, Hélène Quenault, Antoine Huguet, Yannick Blanchard and Valérie Fessard

Development of biomarkers of exposure to xenobiotics in the honey bee *Apis mellifera*: Application to the systemic insecticide thiamethoxam

Alexandra Badiou-Bénéteau, Stephan M. Carvalho, Jean-Luc Brunet, Geraldo A. Carvalho, Audrey Buleté, Barbara Giroud and Luc P. Belzunces

32 Spatial variation and contamination assessment of heavy metals in sediments in the Manwan Reservoir, Lancang River

Cong Wang, Shiliang Liu, Qinghe Zhao, Li Deng and Shikui Dong

- **Biochemical responses and metals levels in** *Ruditapes decussatus* **after exposure to treated municipal effluents** Naouel Kamel, Jamel Jebali, Mohamed Banni, Sana Ben Khedher, Lassaad Chouba and Hamadi Boussetta
- **Genotoxic evaluation of different doses of methylmercury (CH3Hg*) in Hoplias malabaricus**Taynah Vicari, Marcos Vinícius Mocellin Ferraro, Wanessa Algarte Ramsdorf, Maritana Mela,
 Ciro Alberto de Oliveira Ribeiro and Marta Margarete Cestari
- A new OECD test guideline for the predatory soil mite *Hypoaspis aculeifer*: Results of an international ring test C.E. Smit, Th. Moser and J. Römbke
- Polycyclic aromatic hydrocarbons and organochlorine pesticides in fish from Taihu Lake: Their levels, sources, and biomagnification

De-Qing Wang, Ying-Xin Yu, Xin-Yu Zhang, Shao-Huan Zhang, Yu-Ping Pang, Xiao-Lan Zhang, Zhi-Qiang Yu, Ming-Hong Wu and Jia-Mo Fu

71 Ecotoxicological effects of decabromodiphenyl ether and cadmium contamination on soil microbes and enzymes

Wei Zhang, Meng Zhang, Shuai An, Bang Xiong, Hui Li, Changzheng Cui and Kuangfei Lin

80 Electroantennogram measurement of the olfactory response of *Daphnia* spp. and its impairment by waterborne copper

Christy K. Simbeya, Catherine E. Csuzdi, William A. Dew and Greg G. Pyle

Development of classification and regression based QSAR models to predict rodent carcinogenic potency using oral slope factor

Supratik Kar, Omar Deeb and Kunal Roy

Mitochondrial energy metabolism dysfunction involved in reproductive toxicity of mice caused by endosulfan and protective effects of vitamin E

Na Wang, Hong-Yan Qian, Xian-Qing Zhou, Yan-Bo Li and Zhi-Wei Sun

PURE: A web-based decision support system to evaluate pesticide environmental risk for sustainable pest management practices in California

Yu Zhan and Minghua Zhang

114 Sublethal effects of trimethoprim on four freshwater organisms

Marco De Liguoro, Vincenzo Di Leva, Mirco Dalla Bona, Roberta Merlanti, Giovanni Caporale and Giuseppe Radaelli

Uptake and translocation of cesium-133 in napiergrass (Pennisetum purpureum Schum.) under hydroponic conditions

Dong Jin Kang, Young-Jin Seo, Tsukasa Saito, Hiroyuki Suzuki and Yasuyuki Ishii

LETTER TO THE EDITOR

127 Correction about a recently published article

Wilson Ferney Ramírez-Duarte