

JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH

Part B—Pesticides, Food Contaminants, and Agricultural Wastes

VOLUME 47 • ISSUE 2 • FEBRUARY 2012

ARTICLES

- Effects of combinations of malathion and cypermethrin on survivability and time of metamorphosis of tadpoles of Indian cricket frog (*Fejervarya limnocharis*)** 67
Makkimane B. Nataraj and Sannanegunda V. Krishnamurthy
- Bioaccessibility of arsenic in various types of rice in an *in vitro* gastrointestinal fluid system** 74
Yi He, Christopher E. Pedigo, Billion Lam, Zhongqi Cheng and Yan Zheng
- Temporal variability in 20 chemical elements content of Parasol Mushroom (*Macrolepiota procera*) collected from two sites over a few years** 81
Magdalena Gučia, Grażyna Jarzyńska, Anna K. Kojta and Jerzy Falandysz
- Effect of fly ash on sorption behavior of metribuzin in agricultural soils** 89
Neera Singh, Raunaq and Shashi B. Singh
- Effects of carbaryl, chlorpyrifos and endosulfan on growth, reproduction and respiration of tropical epigeic earthworm, *Perionyx excavatus* (Perrier)** 99
Rupa Dasgupta, Partha P. Chakravorty and Anilava Kaviraj
- Persistence of repeated triadimefon application and its impact on soil microbial functional diversity** 104
Hua Fang, Fei F. Tang, Wei Zhou, Zheng Y. Cao, Dan D. Wang, Kai L. Liu, Xiang W. Wu and Yun L. Yu
- Use of quantitative-structure property relationship (QSPR) and artificial neural network (ANN) based approaches for estimating the octanol-water partition coefficients of the 209 chlorinated *trans*-azobenzene congeners** 111
Agata J. Wilczyńska-Piliszek, Sławomir Piliszek and Jerzy Falandysz
- Ecotoxicological assessment of doxycycline in soil** 129
István Szatmári, Tibor Barcza, Péter Sz. Körmöczy and Péter Laczay
- Design and development of novel insect growth regulators: Synthesis, characterization and effect of benzoyl thymyl thioureas and ureas on total haemocyte count of *Dysdercus koenigii*** 136
Chetan M. Zade, Umesh D. Pete, Smita S. Patil, Jitendra D. Bhosale, Chakradhar D. Hadole, Meghraj S. Kadam and Ratnamala S. Bendre
- Fate of napropamide herbicide in selected Malaysian soils** 144
Fardin Sadegh-Zadeh, Samsuri A. Wahid, Bahi J. Seh-Bardan, Radziah Othman and Dzolkhifli Omar