

ENVIRONMENTAL TOXICOLOGY

- Domoic Acid Induces Direct DNA Damage and Apoptosis in Caco-2 Cells: Recent Advances** 657
C. R. Carvalho Pinto-Silva, S. Moukha, W. G. Matias, and E. E. Creppy
Published online 21 February 2008
- Degradation and Detoxification of Cresols in Synthetic and Industrial Wastewater by an Indigenous Strain of *Pseudomonas putida* in Aerobic Reactors** 664
Alfredo Gallego, Virginia L. Gemini, María S. Fortunato, Paula Dabas, Susana L. Rossi, Carlos E. Gómez, Cristina Vescina, Estela I. Planes, and Sonia E. Korol
Published online 21 February 2008
- Levels of Transaminases, Alkaline Phosphatase, and Protein in Tissues of *Clarias gariepinus* Fingerlings Exposed to Sublethal Concentrations of Cadmium Chloride** 672
Babu Velmurugan, Mariadoss Selvanayagam, Elif I. Cengiz, and Ersin Uysal
Published online 4 February 2008
- Monitoring of DNA Breakage in Embryonic Stages of the African Catfish *Clarias gariepinus* (Burchell, 1822) After Exposure to Lead Nitrate Using Alkaline Comet Assay** 679
Alaa G. M. Osman, Imam A. Mekkawy, Johan Verreth, Sven Wuertz, Werner Kloas, and Frank Kirschbaum
Published online 4 February 2008
- Oral Administration of Cyanobacterial Bloom Extract Induced the Altered Expression of the PP2A, Bax, and Bcl-2 in Mice** 688
Pu Huang, Yi-Fan Zheng, and Li-Hong Xu
Published online 17 March 2008
- Effects of 2,4-Dichlorophenol on the Expression of Vitellogenin and Estrogen Receptor Genes and Physiology Impairments in Chinese Rare Minnow (*Gobiocypris rarus*)** 694
Xiaoyan Zhang, Jinmiao Zha, Wei Li, Lihua Yang, and Zijian Wang
Published online 17 March 2008

Continued on Next Page

- Acute Toxicity and Bioaccumulation of Arsenic in Freshwater Clam
*Corbicula fluminea*** 702
*Chung-Min Liao, Sheng-Feng Jau, Wei-Yu Chen, Chieh-Ming Lin, Li-John Jou,
Chen-Wuing Liu, Vivian Hsiu-Chuan Liao, and Fi-John Chang*
Published online 14 March 2008
- Combined Effect of Ultraviolet-B Radiation and Cadmium Contamination
on Nutrient Uptake and Photosynthetic Pigments in
Brassica campestris L. Seedlings** 712
U. C. Shukla, R. C. Murthy, and P. Kakkar
Published online 17 March 2008
- Application of a New Bioassay Technique Using Goldfish for Assessment
of Water Toxicity** 720
*Yuya Deguchi, Nan Xiang Wu, Tomoyasu Toyozumi, Shuichi Masuda,
Hiroaki Nagaoka, Tetsushi Watanabe, Yukari Totsuka, Keiji Wakabayashi,
and Naohide Kinae*
Published online 14 March 2008
- The *In Vivo* Genotoxic Effects of Carvacrol and Thymol in Rat Bone
Marrow Cells** 728
Sebile Azirak and Eyyup Rencuzogullari
Published online 24 March 2008
- The Developmental Toxicity of 1-Methyl-3-Octylimidazolium Bromide
on *Daphnia magna*** 736
*Yan-Rui Luo, Xiao-Yu Li, Xiao-Xiao Chen, Bang-Jun Zhang, Zhen-Jun Sun,
and Jian-Ji Wang*
Published online 28 April 2008
- Short Communications**
- Oxygen Decline in Biotesting of Environmental Samples—Is There a Need
for Consideration in the Acute Zebrafish Embryo Assay?** 745
Eberhard Küster and Rolf Altenburger
Published online 17 March 2008
- Investigating the Fate of Saxitoxins in Biologically Active Water Treatment
Plant Filters** 751
Nawal Kayal, Gayle Newcombe, and Lionel Ho
Published online 28 April 2008