

## CONTENTS

**Aquatic environment****Rapid removal of bisphenol A on highly ordered mesoporous carbon**

Qian Sui, Jun Huang, Yousong Liu, Xiaofeng Chang, Guangbin Ji, Shubo Deng, Tao Xie, Gang Yu ..... 177

Mesoporous carbon, CMK-3, was prepared and characterized by TEM, XRD; the adsorption text showed that CMK-3 could effectively remove bisphenol A.

**Characterization of disinfection byproduct formation potential in 13 source waters in China**

Junzhi Zhang, Jianwei Yu, Wei An, Juan Liu, Yongjing Wang, Youjun Chen, Jia Tai, Min Yang ..... 183

The formation potential of trihalomethanes and haloacetic acids in different source waters are different, and the formation of Br-DBP should be of concern when the bromide concentration is over 100 g/L.

**A model and experimental study of phosphate uptake kinetics in algae: Considering surface adsorption and P-stress**

Bo Yao, Beidou Xi, Chunming Hu, Shouliang Huo, Jing Su, Hongliang Liu ..... 189

A two-stage phosphate uptake model in algae was constructed, considering both surface adsorption and P-stress, which may be more reasonable and realistic than the conventional one-stage model.

**Removal of phosphate by Fe-coordinated amino-functionalized 3D mesoporous silicates hybrid materials**

Jianda Zhang, Zhemin Shen, Zhijian Mei, Shanping Li, Wenhua Wang ..... 199

A novel iron-containing silicate material for phosphate removal was prepared and characterized by XRD, N<sub>2</sub> adsorption/desorption, and FT-IR, it is found that phosphate adsorption fitted well to Langmuir isotherm.

**Effects of overlying water aeration on phosphorus fractions and alkaline phosphatase activity in surface sediment**

Jianjun Chen, Shaoyong Lu, Yikun Zhao, Wei Wang, Minsheng Huang ..... 206

Microbial activity in surface sediment was enhanced under controlled aeration condition in overlying water, which caused variations of DO and TP as well as phosphorus

fractions on the water sediment interface.

**Influence of flooding and vegetation on carbon, nitrogen, and phosphorus dynamics in the pore water of a *Spartina alterniflora* salt marsh**

Vanesa L. Negrin, Carla V. Spetter, Raúl O. Asteasuain, Gerardo M. E. Perillo, Jorge E. Marcovecchio ..... 212

The samples in a salt marsh in the Bahia Blanca Estuary were analyzed, it is found that the variability of the pore water composition is greater among the different areas of the marsh than the temporal variation throughout the year.

**Long-term joint effect of nutrients and temperature increase on algal growth in Lake Taihu, China**

Chun Ye, Zhemin Shen, Tao Zhang, Maohong Fan, Yangming Lei, Jianda Zhang ..... 222

A multiplicative growth Monod model was applied to Lake Taihu to quantitatively study the relationships between algal biomass and both nutrients and temperature using long-term data, and the fitted results suggested that annual mean algal biomass increased by 0.145 times when annual mean air temperature increased by 1.0°C.

**Atmospheric environment****Characteristics of air pollution by polychlorinated dibenzo-*p*-dioxins and dibenzofurans in the typical industrial areas of Tangshan City, China**

Zhiyuan Ren, Bing Zhang, Pu Lu, Cheng Li, Lirong Gao, Minghui Zheng ..... 228

PCDD/PCDFs in ambient air near various industrial sources in Tangshan City was analyzed and discussed.

**A numerical study of summer ozone concentration over the Kanto area of Japan using the MM5/CMAQ model**

Mai Khiem, Ryoza Ooka, Hong Huang, Hiroshi Hayami ..... 236

An evaluation of a numerical simulation of ozone over the Kanto area was presented, and the coupled MM5/CMAQ model was proved to be a useful tool for the analysis of urban environmental issues.

**Terrestrial environment****Mobilities and leachabilities of heavy metals in sludge with humus soil**

Rui Zhu, Min Wu, Jian Yang ..... 247

The mobilities of Ni, Zn, Cu and Pb in humus-soil-amended sludge were investigated, and it is found that the metal mobilities in the final sludge mixtures were ranked in the order of Ni > Zn > Cu = Pb.

#### **Cadmium pollution enhanced ozone damage to winter wheat: biochemical and physiological evidences**

Yong Li, Caihong Li, Yanhai Zheng, Guanglei Wu, Tana Wuyun, Hong Xu, Xinhua He, Gaoming Jiang ..... 255

Cadmium enhanced ozone damage to winter wheat, indicating a synergistic effect of O<sub>3</sub> and cadmium on wheat growth and physiology.

#### **Seedling growth and metal accumulation of selected woody species in copper and lead/zinc mine tailings**

Xiang Shi, Xiaolei Zhang, Guangcai Chen, Yitai Chen, Ling Wang, Xiaoquan Shan ..... 266

A greenhouse pot experiment was conducted to demonstrate the potential of woody plants for revegetation in Cu and Pb/Zn mine tailing areas.

#### **Chemical fractionations and bioavailability of cadmium and zinc to cole (*Brassica campestris* L.) grown in the multi-metals contaminated oasis soil, northwest of China**

Yiming Yang, Zhongren Nan, Zhuanjun Zhao, Shengli Wang, Zhaowei Wang, Xia Wang ..... 275

Cole is not a suitable vegetable for the oasis soil because of the plants notable contamination by heavy metals.

### **Environmental biology**

#### **Role of nutrients in the utilization of polycyclic aromatic hydrocarbons by halotolerant bacterial strain**

Pugazhendi Arulazhagan, Namsivayam Vasudevan ..... 282

The addition of nutrients (carbon-glucose/nitrogen-urea) enhanced the PAH utilization under saline condition.

#### **Mechanism of Cd(II) adsorption by macrofungus *Pleurotus platypus***

R. Vimala, Nilanjana Das ..... 288

Ion exchange mechanism was proved to be involved in the binding of cadmium with biosorbent *P. platypus*, and chemical analysis reveals that polysaccharides play an important role in the biosorption of cadmium.

### **Environmental health and toxicology**

#### **Behavior toxicity to *Caenorhabditis elegans* transferred to the progeny after exposure to sulfamethoxazole at environmentally relevant concentrations**

Zhenyang Yu, Lei Jiang, Daqiang Yin ..... 294

Behavior toxicity to *Caenorhabditis elegans* was transferred to the unexposed progeny after the parent generation was exposed to sulfamethoxazole at environmentally relevant concentrations.

#### **Estrogen-related receptor $\gamma$ disruption of source water and drinking water treatment processes extracts**

Na Li, Weiwei Jiang, Kaifeng Rao, Mei Ma, Zijian Wang, Satyanarayanan Senthik Kumaran ..... 301

This study described ERR $\gamma$  disrupting activities in reservoir and drinking water treatment processes.

#### **Effect of nutrient conditions on the toxicity of naphthalene to *Chlorella pyrenoidosa***

Qingxia Kong, Lizhong Zhu, Xueyou Shen ..... 307

The toxicity of naphthalene to *C. pyrenoidosa* showed that *C. pyrenoidosa* was more sensitive to naphthalene under N,P-enriched condition, and algae could potentially recover from naphthalene damage under N,P-enriched condition

#### ***In vitro* fluorescence displacement investigation of thyroxine transport disruption by bisphenol A**

Jie Cao, Liang-Hong Guo, Bin Wan, Yin Wei ..... 315

Binding constants of bisphenol A with thyroid hormone transport proteins were obtained and the potential disruption of thyroid hormone transport in human plasma by bisphenol A was evaluated.

#### **Effects of stable aqueous fullerene nanocrystal (nC<sub>60</sub>) on *Daphnia magna*: Evaluation of hop frequency and accumulations under different conditions**

Xianji Tao, Yiliang He, Bo Zhang, Yongsheng Chen, Joseph B. Hughes ..... 322

Uptake of nano-C<sub>60</sub> in *D. magna* can decrease the hopping frequency and its behaviors are highly dependent on environmental factors.

**Toxicity of copper, lead, and cadmium on the motility of two marine microalgae *Isochrysis galbana* and *Tetraselmis chui***

Guangxu Liu, Xueliang Chai, Yanqing Shao, Lihua Hu, Qilang Xie, Hongxi Wu ..... 330

The results of studying the motility of two marine microalgae indicated that *I. galbana* and *T. chui* motility is sensitive to heavy metals and can be used as an indicator for toxicology bioassays.

**Risk assessment for the daily intake of polycyclic aromatic hydrocarbons from the ingestion of cockle (*Anadara granosa*) and exposure to contaminated water and sediments along the west coast of Peninsular Malaysia**

Seiedeh Aghileh Mirsadeghi, Mohamad Pauzi Zakaria, Chee Kong Yap, Azadeh Shahbazi ..... 336

The probable human carcinogens of polycyclic aromatic hydrocarbons was calculated and assessed in accordance with the standards of the United States Environmental Protection Agency in Malaysian mudflats and blood cockle.

**Environmental catalysis and materials**

**Silver nanoparticles tolerant bacteria from sewage environment**

Sudheer Khan, Amitava Mukherjee, Natarajan Chandrasekaran ..... 346

The antimicrobial property of silver nano-particles against the isolate *B. pumilus* was investigated, the results showed that bacterial tolerance to nano-particles might be due to the secretion of exopolysaccharides.

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