

Environmental Chemistry

- 211 **Xiaolong CHU, Guoqiang SHAN, Chun CHANG, Yu FU, Longfei YUE, Lingyan ZHU**
Effective degradation of tetracycline by mesoporous Bi₂WO₆ under visible light irradiation
- 219 **Pu ZHAO, Lizhong ZHU**
Optimized porous clay heterostructure for removal of acetaldehyde and toluene from indoor air
- 229 **Min ZHANG, Jian LU, Yiliang HE, P. Chris WILSON**
Photocatalytic degradation of polybrominated diphenyl ethers in pure water system
- 236 **Boxiong SHEN, Jianhong CHEN, Ji CAI**
Removal of elemental mercury by KI-impregnated clay
- 244 **Juntao HUO, Xiaohui LU, Xinning WANG, Hong CHEN, Xingnan YE, Song Gao, Deborah S. Gross, Jianmin CHEN, Xin YANG**
Online single particle analysis of chemical composition and mixing state of crop straw burning particles: from laboratory study to field measurement
- 253 **Xiaona WEI, Shuhai GUO, Bo WU, Fengmei LI, Gang LI**
Effects of reducing agent and approaching anodes on chromium removal in electrokinetic soil remediation

Environmental Toxicity

- 262 **Jianguo LIU, Wen ZHANG, Peng QU, Mingxin WANG**
Cadmium tolerance and accumulation in fifteen wetland plant species from cadmium-polluted water in constructed wetlands

- 270 **Kangxin HE, Qixing ZHOU**
Cytochrome P450 monooxygenase specific activity reduction in wheat *Triticum aestivum* induced by soil roxithromycin stress

Environmental Toxicity

- 276 **Fei LI, Suocheng DONG, Fujia LI, Libiao YANG**
Is there an inverted U-shaped curve? Empirical analysis of the Environmental Kuznets Curve in agrochemicals
- 288 **Guoxia MA, Jinnan WANG, Fang YU, Yanshen ZHANG, Dong CAO**
An assessment of the potential health benefits of realizing the goals for PM₁₀ in the updated Chinese Ambient Air Quality Standard
- 299 **Minsoo KIM, Yejin KIM, Hyosoo KIM, Wenhua PIAO, Changwon KIM**
Evaluation of the k-nearest neighbor method for forecasting the influent characteristics of wastewater treatment plant

Environmental Pollution Control

- 311 **Binbin WANG, Dangcong PENG, Xinyan ZHANG, Xiaochang WANG**
Structure and formation of anoxic granular sludge—A string-bag hypothesis
- 319 **Yuankai ZHANG, Hongchen WANG, Lu QI, Guohua LIU, Zhijiang HE, Songzhu JIANG**
Simple model of sludge thickening process in secondary settlers
- 327 **Liangliang WEI, Kun WANG, Xiangjuan KONG, Guangyi LIU, Shuang CUI, Qingliang ZHAO, Fuyi CUI**
Application of ultra-sonication, acid precipitation and membrane filtration for co-recovery of protein and humic acid from sewage sludge
- 336 **Hui ZHANG, Le XU, Yifei ZHANG, Mengchan JIANG**
The transformation of PAHs in the sewage sludge incineration treatment
- 341 **Xuwei QI, Ke LI, Walter D. POTTER**
Estimation of distribution algorithm enhanced particle swarm optimization for water distribution network optimization
- 352 **Md. Lutfor RAHMAN, Shaheen M. SARKAR, Mashitah Mohd YUSOFF**
Efficient removal of heavy metals from electroplating wastewater using polymer ligands
- 362 **Hongwei LUO, Longfei WANG, Zhonghua TONG, Hanqing YU, Guoping SHENG**
Approaching the binding between Cu(II) and aerobic granules by a modified titration and μ -XRF
- 368 **Min GOU, Jing ZENG, Huizhong WANG, Yueqin TANG, Toru SHIGEMATSU, Shigeru MORIMURA, Kenji KIDA**
Microbial community structure and dynamics of starch-fed and glucose-fed chemostats during two years of continuous operation
- 381 **Rufeng LI, Chenghong FENG, Dongxin WANG, Baohua LI, Zhenyao SHEN**
Multiphase redistribution differences of polycyclic aromatic hydrocarbons (PAHs) between two successive sediment suspensions
- 390 **Yongtao LV, Xuan CHEN, Lei WANG, Kai JU, Xiaoqiang CHEN, Rui MIAO, Xudong WANG**
Microprofiles of activated sludge aggregates using microelectrodes in completely autotrophic nitrogen removal over nitrite (CANON) reactor
- 399 **Khamphe PHOUNGTHONG, Yi XIA, Hua ZHANG, Liming SHAO, Pinjing HE**
Leaching toxicity characteristics of municipal solid waste incineration bottom ash