

- 565 **Shiliang WANG, Hui WANG**
Adsorption behavior of antibiotic in soil environment: a critical review
- 575 **Yuan ZHANG, Chunming HU, Tao YU**
Photodegradation of chromophoric dissolved organic matters in the water of Lake Dianchi, China
- 583 **Haixia YUAN, Huxiang PAN, Jin SHI, Hongjing LI, Wenbo DONG**
Kinetics and mechanisms of reactions for hydrated electron with chlorinated benzenes in aqueous solution
- 591 **Hong SUN, Min SUN, Yaobin ZHANG, Xie QUAN**
Catalytic ozonation of reactive red X-3B in aqueous solution under low pressure: decolorization and OH \cdot generation
- 596 **David WATSON, Carrie MILLER, Brian LESTER, Kenneth LOWE, George SOUTHWORTH, Mary Anna BOGLE, Liyuan LIANG, Eric PIERCE**
Mercury source zone identification using soil vapor sampling and analysis
- 605 **Diana AMORELLO, Santino ORECCHIO**
Vanadium and molybdenum concentrations in particulate from Palermo (Italy): analytical methods using voltammetry
- 615 **Jianbing WANG, Guoqing WANG, Chunli YANG, Shaoxia YANG, Qing HUANG**
Catalytic ozonation of organic compounds in water over the catalyst of RuO $_2$ /ZrO $_2$ -CeO $_2$
- 625 **Li SHENG, Shuhang HUANG, Minghao SUI, Lingdian ZHANG, Lei SHE, Yong CHEN**
Deposition of copper nanoparticles on multiwalled carbon nanotubes modified with poly (acrylic acid) and their antimicrobial application in water treatment

(contents continued from outside back cover)

- 634 **Guangxu ZHU, Qingjun GUO, Junxing YANG, Hanzhi ZHANG, Rongfei WEI, Chunyu WANG, Marc PETERS, Xiaoyong ZHOU, Jun YANG**
Washing out heavy metals from contaminated soils from an iron and steel smelting site
- 642 **Lei ZHENG, Wei WANG, Wei QIAO, Yunchun SHI, Xiao LIU**
Immobilization of Cu^{2+} , Zn^{2+} , Pb^{2+} , and Cd^{2+} during geopolymerization
- 649 **Yuan XU, Ruqin XIE, Yuqiu WANG, Jian SHA**
Spatio-temporal variations of water quality in Yuqiao Reservoir Basin, North China
- 665 **Xiaolong WANG, Shiming DING, Qi ZHANG, Weiping HU**
Assessment on contaminations in sediments of an intake and the inflow canals in Taihu Lake, China
- 675 **Liu YANG, Ye WU, Jiaqi LI, Shaojie SONG, Xuan ZHENG, Jiming HAO**
Mass concentrations and temporal profiles of PM_{10} , $\text{PM}_{2.5}$ and PM_1 near major urban roads in Beijing
- 685 **Wenyan LIANG, Lili SUI, Yuan ZHAO, Feizhen LI, Lijun LIU, Di XIE**
Ecotoxicity assessment of soil irrigated with domestic wastewater using different extractions
- 694 **Shuai MA, Siyu ZENG, Xin DONG, Jining CHEN, Gustaf OLSSON**
Modification of the activated sludge model for chemical dosage
- 702 **Feng WANG, Beibei LIU, Bing ZHANG, Jun BI**
Fuel type preference of taxi driver and its implications for air emissions
- 712 **Lin ZENG, Xin DONG, Siyu ZENG, Tianzhu ZHANG, Jing LI, Jining CHEN**
Post-evaluation of a water pollution control plan: methodology and case study
- 725 **Juan DU, Yu FAN, Xin QIAN**
Occurrence and behavior of pharmaceuticals in sewage treatment plants in eastern China
- 731 **Zhongguo LI, Wenyi YUAN**
Industrial waste utilization method: producing poly-ferric sulfate (PFS) from sodium-jarosite residue
- 738 **Ning YAN, Lu WANG, Ling CHANG, Cuiyi ZHANG, Yang ZHOU, Yongming ZHANG, Bruce E. RITTMANN**
Coupled aerobic and anoxic biodegradation for quinoline and nitrogen removals