

**TABLE OF CONTENTS****目 录****Studying on Water Spray System of Wet Electrostatic Precipitator  
(湿式电除尘器水喷淋系统试验研究)**

Z. G. LI, B. HU..... 99

**The Characteristics of Community Structure of Rotifer and Water Quality Evaluation  
in Qixinghe Wetland  
(七星河湿地轮虫群落结构特征研究及水质评价)**

Y. W. SUN, F. Y. CHAI, H. X. YU, C. X. MA, S. B. CUI..... 106

**Haze Monitoring Technology and Development of Monitoring System in China  
(我国雾霾监测技术及监测系统发展)**

J. LI, Z. C. LIU..... 116

**Study on Purification Effect of Environmental Enzymes on Ammonia Nitrogen and Total  
Nitrogen in Domestic Sewage  
(环保酵素对生活污水中氨氮和总氮的净化效果探究)**

X. Y. LI, Y. Z. YAN, Y. LEI, S. LIN, M. H. ZHAO..... 122

**Application of Molecularly Imprinted Polymer in Water  
(分子印迹聚合物在水体中的应用)**

Y. S. JIANG, L. N. ZHANG, Y. JIANG..... 129

**Mechanisms of Silicon Improving Plant Heavy Metal Tolerance  
(硅提高植物重金属耐性的作用机理)**

J. G. LIU, M. LI, H. F. CHENG..... 136

**Research Progress of Anaerobic Fermentation of Aquatic Plants from Wetland  
(湿地水生植物厌氧发酵研究进展)**

Y. L. TIAN, M. Y. GAO, C. L. HOU, X. XU..... 141

**Design of Multi-Village and Multi-Source Drinking Water Joint Transfer and Supply Project  
(多村多水源饮水联调联供工程设计)**

Z. H. ZHENG, J. YANG, Y. T. QI, A. L. YAN..... 151

**Summary of Cadmium Contaminated Site Remediation Technology  
(镉污染场地修复技术综述)**

T. KOU..... 158

**Submerged Aquatic Plants Can Decrease Greenhouse Gas Emissions from a Pond  
of Xianshan Lake, Changxing  
(长兴仙山湖沉水植物降低湿地中温室气体排放)**

L. YANG, J. WANG, L. M. FANG, H. P. LI, H. ZHANG, C. L. YUE..... 164

**Biodiversity of Benthic Macroinvertebrates and Bioassessment for Water Quality  
in Sun Island Bund Wetlands**

(哈尔滨太阳岛外滩湿地大型底栖动物多样性与水质生物评价)

J. J. CAO, Y. CAI, Y. MENG, F. Y. CHAI, M. H. LIU, H. X. YU.....170

**Structure and Environmental Impact Factors of Summer Zooplankton Functional Groups  
in Taihu Wetland**

(太湖湿地夏季浮游动物功能群结构及其环境影响因子)

Y. X. ZHAO, H. X. YU.....179

**Effect of Ozone Denitrification on Ozone Pollution**

(臭氧脱硝对臭氧污染的影响)

X. H. FAN, D. F. GUO, T. DAI, F. ZHAO, J. G. WANG, N. DING, L. S. WANG.....190

**Component and Source Apportionment of PM<sub>2.5</sub> in an Air Pollution Weather in Xiangyang**

(襄阳市一次大气污染过程中 PM<sub>2.5</sub> 组分及污染源解析)

Z. H. WU, F. JI, Y. R. BI, W. ZHUANG.....194

**Emergency Monitoring of Volatile Organic Compounds in Water by Portable GC-MS**

(便携式 GC-MS 用于水中挥发性有机物的应急监测)

Y. SHEN, Y. B. XU, F. YING, H. CHEN, S. ZHOU.....203

**Applied Research on Chemical Repair Technology of Defaced Soil**

(污损土体化学修复技术应用研究)

Y. LI.....215

**Study on Mechanism of Nano-Zero-Valent Iron Removal of Pollutants**

(纳米零价铁对污染物去除作用的机理研究)

H. C. GUO, J. B. CHEN, X. F. ZHOU.....220

**An Empirical Study on the Evaluation Index System of Circular Economy in Xuzhou**

(徐州市循环经济评价指标体系实证研究)

A. W. ZHAO, D. D. WANG, H. FENG, J. J. TIAN.....225

**Effect of Modified Polyurethane Sponge on Diesel**

(改性聚氨酯海绵对柴油吸油效果分析)

Y. X. ZHANG, Y. Q. CHEN, B. YUE, Z. W. WANG, Z. X. YIN.....237

**Research of Aldehydes and Ketones Pollutants Release Level in Plastic**

**Industry in the Workplaces**

(塑胶产业作业场所醛酮类污染物释放水平研究)

J. CAI, Q. HUANG, P. C. LIU, J. HU, M. CHEN.....244

**Study of Industrial Environmental Regulation Intensity and Its Influences**

(我国工业环境规制强度及其影响研究)

F. WANG.....249