

## TABLE OF CONTENTS

### 目 录

<b>Research and Prospect of Black and Odorous Water Treatment Strategy in Shunyi District Beijing</b> (顺义区黑臭水体治理策略研究及未来展望)	
E. L. ZHEN, B. GUO.....	291
<b>Research Progress in Stabilization of Arsenic Contaminated Soil with Iron Bearing Materials</b> (含铁材料稳定化处理砷污染土壤的研究进展)	
W. HU, J. J. LIU.....	297
<b>Progress on Treatment of TNT Red Water</b> (TNT 红水处理研究进展)	
Q. Y. ZHANG, J. S. QIAO, Z. X. LI, L. J. LIANG, Q. L. ZHAO, Z. F. YE.....	304
<b>Investigation Method of Organic Pollution in the Water of a River Entering the Southern Yellow Sea</b> (南黄海沿岸某入海河流水体有机污染调查方法研究)	
H. ZHAO.....	313
<b>Study on Preparation of Functional Ceramsite (GTL) from Paper Sludge and Its Adsorption Properties for Cu<sup>2+</sup></b> (造纸污泥制备功能陶粒(GTL)及其对 Cu <sup>2+</sup> 吸附性能的研究)	
B. C. FU, C. S. DAI.....	332
<b>Discussion on Aquatic Ecological Compensation Methods in the Middle-Lower Reaches of Hanjiang River, China</b> (汉江中下游水生态补偿方法探讨)	
L. J. LI, Y. FENG.....	342
<b>Study on the Characteristics of Black Soil Cultivated Land Change and Migration in the Songnen Plain of Heilongjiang Province</b> (黑龙江省松嫩平原黑土耕地消长与迁移变化特征研究)	
Y. C. ZHANG, H. X. YU.....	350
<b>Retrieving Zinc from Iron-Zinc Slag by EDTA Leaching Method</b> (EDTA 浸取法从冶锌铁渣中回收锌)	
M. X. YU, H. LUO, L. B. YI.....	355
<b>Environmental Benefit Evaluation of Plant Mix Hot Recycled Asphalt Mixture Based on LCA Theory</b> (基于 LCA 理论的厂拌热再生沥青混合料环境效益评价)	
N. LI, K. ZHAO, H. Q. LI, Z. DONG, S. D. XU, J. W. LIU.....	362

**Radiation Environmental Impact Analysis of Vehicle Inspection System in Urumqi Logistics Park**  
(乌鲁木齐市某物流园车辆检查系统辐射环境影响分析)

C. N. DIAO.....374

**Study on Transport Mechanism of Microplastics in Vertically Fixed Porous Media**  
(微塑料在竖直固定的多孔介质中迁移特性探究)

G. L. ZHAO, Y. WU.....382

**Analysis on the Main Points of Surface Water Environment Impact Assessment in Yunnan Open-Pit Metal Mining Project**  
(云南露天金属矿山开采项目地表水环境影响评价要点分析)

Y. H. XIAO.....388

**Prediction of Soil Heavy Metal Concentration—Using a Random Forest Machine Learning Algorithm**  
(基于随机森林的土壤重金属浓度预测)

Y. Y. LIU, H. H. LIU, Z. Y. HU, J. LIBENS.....392

**Research on Optimal Management of Shanghai Park Water**  
(上海公园水体优化管理研究)

Y. LI.....404

**The Forecast and Effect Text of Air Pollution in Changji from 2016 to 2018 Years**  
(2016~2018 年昌吉市空气污染预报及效果检验)

Q. X. HUANG, C. Y. WANG, B. H. ZHEN, X. X. TAO, A. SHALAMU.....410

**Evaluation of Groundwater Environment Quality in Tangjiahe Mine Field**  
(唐家河井田地下水环境质量评价)

R. H. LIN, J. F. DUAN.....418

**Radioactive Waste Treatment Technology of Marine Nuclear Power Platform**  
(海洋核动力平台放射性废物处理工艺技术)

L. MAO.....426

**Effects of Persulfate on Benzene Series in Chemically Contaminated Sites**  
(过硫酸盐对化工污染场地苯系物修复效果研究)

G. LI, N. LU.....433

**Application of Plasma Technology in Soil Pollution Control**  
(等离子体修复技术在土壤污染治理中的应用)

L. R. HE.....439

**Discussion on Application of Solar Desalination Technology in Sea Islands Area**  
(太阳能海水淡化技术在我国海岛地区的应用探讨)

J. HUANG, Q. H. SHEN.....444