

## TABLE OF CONTENTS 目 录

### 稳定同位素技术在陆地生态系统氮循环中的应用

#### **Application of Stable Isotope Technique to Nitrogen Cycling in Terrestrial Ecosystems**

- 陈佳琪, 邢亚娟..... 453

### 基于 GIS 技术的茂兰喀斯特典型地貌提取与空间分布特征研究

#### **Study on Extraction and Spatial Distribution Characteristics of Karst Geomorphology in Maolan based on GIS Technology**

- 柳华富, 覃欧换, 杨婷婷, 陈正仁, 张雁泉..... 462

### 采伐和火烧对森林土壤微生物的影响研究进展

#### **Research Progress on the Effects of Logging and Burning on Forest Soil Microorganisms**

- 高宏林, 王庆贵..... 472

### 不同生态系统凋落物对全球变暖的响应进展: 综述

#### **Response of Litter in Different Ecosystems to Global Warming: A Review**

- 于香君, 邢亚娟..... 481

### 校园树附生苔藓氮含量与氮同位素特征及其环境指示

#### **Characteristics and Environmental Implication of Nitrogen Content and Stable Isotope in Epiphytic Bryophytes in the Campus**

- 杨柳生, 熊在秋, 朱子谦, 李晶, 习丹..... 487

### 石川河生态修复模式构建探讨

#### **Discussion on the Construction of Shichuan River Ecological Restoration Model**

- 彭飚, 石磊..... 495

### 我国系统种植开发沙棘 35 年(1985~2020 年)的主要成就

#### **Main Achievements of Systematic Planting and Development of Seabuckthorn in China in the Past 35 Years (1985~2020)**

- 胡建忠..... 500

### 毕拉河国家级自然保护区湿地资源及生物多样性评价

#### **Evaluation of Wetland Resources and Biodiversity in Bila River National Nature Reserve**

- 徐浩..... 509

### 不同水期条件下的渭河陕西段纳污能力计算

#### **Calculation of Pollutant Carrying Capacity in Shaanxi Section of Weihe River under Different Water Periods**

- 孙小梅, 师晨迪, 徐艳, 慕哲哲, 李俭..... 518

**不同钝化剂对重金属污染土壤中酶活性、阳离子交换量和矿质元素的影响**  
**Effects of Different Passivators on Enzyme Activity, Cation Exchange Capacity and Mineral Elements in Heavy Metal Contaminated Soil**

叶胜兰, 舒晓晓..... 525

**秦岭北麓日降水变化特征分析**

**Analysis of Daily Precipitation Variation Characteristics in the North Foot of Qinling Mountains**

李劲彬, 花东文..... 532

**系统生物学在生物修复中的应用**

**Applications of Systems Biology in Bioremediation**

赵宇通, 曹晓晖, 庄华..... 538

**穆棱林区晚春鸟类组成特征和物种多样性**

**Bird Composition Characteristics and Species Diversity in Late Spring, Muling Forest Area**

李卫东, 张子栋, 刘艳华, 陈红, 周绍春, 尹冬冬..... 545

**世界医学昆虫的分布格局及与其它生物的关系**

**The Distributional Patterns of Medical Insects in the World and Its Relation with Other Biota**

申琪, 马晓静, 游志兴, 申效诚..... 558

**不同类型人工湿地研究进展及应用现状**

**Research Progress and Application Status of Different Types of Constructed Wetlands**

王璐瑶, 郭超..... 576

**西泉眼水库夏季浮游植物群落结构及水质评价**

**Phytoplankton Community Structure and Water Quality Evaluation in Xiquanyan Reservoir in Summer**

董文涛, 柴一涵, 柴方营, 于洪贤, 王云瑞, 徐甜甜, 柴青宇, 宋帅达, 鞠永富, 王洪成, 王彤..... 581

**农田土壤 Cd 污染修复技术及效果评价**

**Remediation Technology and Effect Evaluation of Cd Pollution in Farmland Soil**

王健..... 587

**全球气候变化背景下增氮及降水变化对早春植物影响研究进展**

**Effects of Nitrogen Increase and Precipitation Changes on Early Spring Plants under Global Climate Change: A Review**

方小乐, 王庆贵..... 592

**新时代背景下国土空间综合整治与生态修复思考**

**Thoughts on Comprehensive Renovation and Ecological Restoration of Land and Space under the Background of the New Era**

段仓熊..... 602

**环境因子及群落动态对植物物种多样性影响研究进展**

**Research Progress on the Effects of Environmental Factors and Community Dynamics on Plant Species Diversity**

王心茹, 邢亚娟..... 608

**中国匙指虾科的物种名录、分布及保护****The Checklist, Distribution and Conservation of Atyidae in China**

金银霜, 刘家茹, 程小洁, 徐金屏, 宋金津, 刘志霄 ..... 618

**植物物种多样性影响因子研究综述****Influencing Factors of Plant Species Diversity: A Review**

武岳洋, 王庆贵 ..... 631

**干扰对森林植物物种多样性的影响研究进展****The Effects of Disturbance on Forest Plant Species Diversity: A Review**

李雄越, 邢亚娟 ..... 642

**景观格局变化背景下楚雄州生境质量变化及其影响因素分析****Analysis of the Habitat Quality Changes and Influencing Factors in Chuxiong Prefecture under the Background of Landscape Pattern Changes**

阎璐, 席武俊, 张芝艳 ..... 655

**基于耦合协调度模型的东西部地区发展比较研究****Comparative Study on the Development of Eastern-Western Regions Based on Coupling Coordinated Model**

王芳 ..... 666

**氮添加对森林土壤呼吸的影响研究进展****Research Progress on Response of Forest Soil Respiration to Nitrogen Addition**

张力元, 邢亚娟 ..... 675

**陕北采煤迹地 LUCC 过程及区域内生态系统主控因子识别研究探讨****Study on the LUCC Process and the Identification of the Main Controlling Factors of the Ecological System in the Coal Mining Area in Northern Shaanxi**

李刚, 卢楠 ..... 684

**氮沉降对森林细根动态和形态影响的研究进展****Research Progress on Effects of Nitrogen Deposition on Dynamics and Morphology of Forest Fine Roots**

徐丽佳, 邢亚娟 ..... 691