

## TABLE OF CONTENTS

## 目 录

### 贵阳机场夏季一次强对流天气分析

#### A Strong Convective Weather Analysis at Guiyang Airport in Summer

曹阳, 邓小光, 刘开宇.....897

### 结晶多孔材料基阳极在微生物电化学系统中的研究进展

#### Research Progress of Crystalline Porous Material Based Anode in Microbial Electrochemical System

李传福, 王天旗, 袁绍辉, 梁晶晶, 卡姆兰·阿敏.....903

### 马齿苋中活性成分和药理作用研究进展

#### Research Progress on Active Ingredients and Pharmacological Effects of *Portulaca oleracea*

张志成, 王怡萌, 梁啸.....910

### 阿尔茨海默病记忆障碍的基础实验模型研究

#### Basic Experimental Model of Memory Impairment in Alzheimer's Disease

胡祥烽, 丁洁莹, 车土玲, 林俊, 苏裕盛.....917

### 2023 年 6 月贵阳机场一次雷雨天气过程诊断分析

#### Diagnostic Analysis of a Thunderstorm Process at Guiyang Airport in June 2023

罗阳, 杨新宇, 杨凤婷.....926

### 雅鲁藏布大峡谷地区水汽输送和收支的时空变化特征分析

#### Analysis of Spatiotemporal Changes in Water Vapor Transport and Budget in the Yarlung Zangbo Grand Canyon Region

洪佳娜.....935

### 贵阳机场 2023 年春季三次典型起雾天气实况对比分析

#### Comparative Analysis of Three Typical Foggy Weather Conditions in Spring of 2023 at Guiyang Airport

杨沙沙.....950

### Fisher 判别法在矿井突水水源识别中的应用

#### Application of Fisher Discriminant Method in the Identification of Inrush Water Source of Coal Mine

孙林.....956

### 贵州区域多次飞机颠簸事件成因分析

#### Analysis of the Causes of Multiple Aircraft Turbulence Events in Guizhou Area

赵丹丹, 罗浩.....964

河北省空气质量的城乡差异与空间效应研究

**Urban Differences and Spatial Effects of Air Quality in Hebei Province**

刘海涵.....974

中国式现代化下的县域城乡融合发展研究

**Research on the Integrated Development of Urban and Rural Areas in Counties under Chinese Modernization**

杨钰研.....983

三门湾海水养殖塘水环境变化特征

**Water Environment Changes of Marine Aquaculture Ponds in Sanmen Bay**

张灵杰, 池景波, 赖丽娜, 苏茜.....989

兰新高铁对沿线城市可达性及经济潜力分析

**Analysis on Accessibility and Economic Potential of Lanzhou-Xin High-Speed Railway to Cities along the Line**

张琛贝.....997

气态污染物浓度对流感暴发风险的影响

**The Influence of Gaseous Pollutants Concentration on Influenza Outbreak Risk**

马晓璐, 杨杨, 黄悦, 马盼.....1003

西南地区夏季降水变化与太平洋海温的关系

**The Relationship between Summer Precipitation Variation in Southwest China and Pacific Ocean SST**

文屿茜, 毛文书, 董自正, 王洁.....1015

基于水供给服务流的滇池流域生态补偿区域划分与标准测算研究

**Study on Regional Division and Standard Calculation of Ecological Compensation Based on Water Supply and Service Flow in Dian Lake River Basin**

刘璇.....1029

鲕粒成因的探究

**Exploration on the Genesis of Oolites**

谢铖铖, 吴光平, 赵景宇, 郭艳.....1037

西南地区夏季降水和印度洋海温的关系

**Relationship between Summer Precipitation Variation in Southwest China and Indian Ocean SST**

杨天娇, 毛文书, 王洁, 董自正.....1045