

## TABLE OF CONTENTS

### 目 录

<b>宾县野菜植物资源调查及利用现状分析</b> <b>Investigation and Utilization of Wild Vegetable Resources in Binxian</b>	
陈坤 .....	271
<b>八段锦改善阿尔茨海默病患者认知功能的科学证据</b> <b>Scientific Evidence of Baduanjin Improving Cognitive Function in Patients with Cognitive Impairment</b>	
唐琼英, 车土玲, 苏裕盛 .....	278
<b>CINRDA/CA 型天气雷达电磁干扰分析</b> <b>Analysis of Electromagnetic Interference in CINRDA/CA Weather Radar</b>	
黄天福, 周圣, 张兰, 刘鹏 .....	288
<b>纳豆激酶及其药理学研究进展</b> <b>Research Progress in Nattokinase and Its Pharmacology</b>	
王恒毅, 王洁, 刘青青, 李洋, 张伟强, 王明煜, 吕佳威, 刘宏生 .....	294
<b>煤矿区地表水水化学特征分析</b> <b>Chemical Characterisation of Surface Water in Coal Mining Areas</b>	
蒋家沁, 闵宁, 李田田 .....	300
<b>大兴机场近 4 年降雪统计及相态转换机制讨论</b> <b>Snowfall Statistics and Phase Transition Mechanism at Daxing Airport in Recent 4 years</b>	
韩羽庭, 陈昭仔, 兰渝, 季成海 .....	309
<b>致密砂岩气藏气水两相渗流规律影响因素分析</b> <b>Analysis of Influencing Factors of Gas-Water Two-Phase Seepage Law in Tight Sandstone Gas Reservoir</b>	
周锐, 吴居林, 崔雨彬 .....	319
<b>2003 年~2020 年吉林省长春市植被覆盖变化特征监测</b> <b>Vegetation Cover Change and Its Causes in Changchun, Jilin Province from 2003 to 2020</b>	
徐子盟 .....	330
<b>黑土区冬季农田及其周边荒草地土壤水分空间分布特征</b> <b>Spatial Distribution of Soil Moisture in Farmland and Its Surrounding Wasteland in Black Soil Area in Winter</b>	
朱家驹 .....	337
<b>宿州芦岭矿区浅层地下水化学特征及成因分析</b> <b>Chemical Characteristics and Genesis of Shallow Groundwater in the Luling Mining Area, Suzhou</b>	
李田田, 闵宁, 蒋家沁 .....	343

不同参数化方案下贵阳机场一次强雷雨过程的数值模拟 <b>Numerical Simulation of a Severe Thunderstorm Process at Guiyang Airport under Different Parametric Schemes</b> 杨新宇, 罗阳, 张亚男 .....	351
淮北煤田临涣矿区煤的孔隙结构分析 <b>Pore Structure Analysis of Coals in Linhuan Mining Area of the Huaibei Coalfield</b> 未子林, 魏强, 柳振宇, 赵孔雨, 夏胡斌.....	358
济阳坳陷地质特征与油气资源潜力分析 <b>Geological Characteristics and Hydrocarbon Resource Potential Analysis of Jiyang Depression</b> 武佩佩 .....	365
西南地区夏季降水变化与青藏高原大气热源的关系 <b>Relationship between Summer Precipitation Change in Southwest China and Atmospheric Heat Source in Qinghai-Tibet Plateau</b> 宋文涛, 毛文书, 王洁, 董自正, 彭育云.....	371
基于多源资料的贵阳机场强对流天气分析 <b>Analysis of Severe Convection Weather at Guiyang Airport Based on Multi-Source Data</b> 邓小光, 刘开宇 .....	385
乌伊岭自然保护区沼泽湿地土壤线虫分布及影响因子 <b>Distribution and Influencing Factors of Nematodes in Marsh Wetland of Wuyiling Nature Reserve</b> 董小琪 .....	396
浅层地下水水化学特征及离子来源分析 <b>Hydrochemical Features and Ion Source of Shallow Aquifer</b> 张惜梦, 马杰, 沈孝珂, 汪定圣, 王新建, 代涛, 周洁, 高懿凡.....	405
天津市近五年空气质量变化特征及影响因素分析 <b>Analysis of Air Quality Characteristics and Influencing Factors in Tianjin in the Past Five Years</b> 李雪莹, 王爱爱 .....	412
胶体果胶铋胶囊中铋在小鼠部分器官中分布初探 <b>A Preliminary Study on the Distribution of Bismuth in Colloidal Pectin Bismuth Capsules in Some Organs of Mice</b> 陈红云, 李江雁, 范忠秧, 蒋子莹.....	426
秸秆与果皮生物炭吸附 CO <sub>2</sub> 性能和机理研究 <b>Research on the Adsorption Capacity and Mechanism of CO<sub>2</sub> from Straw and Peel Biochar</b> 尤倩倩, 郑轶男, 汪涛, 戴欢涛, 曹澄澄.....	432
阿尔茨海默病化学合成药及生物技术药物药的研究进展 <b>Research Progress of Chemical Synthesis Drugs and Biotechnology Drugs for Alzheimer's Disease</b> 陈学权, 郑文彬, 车土玲, 聂奕玮, 周文庆, 苏裕盛.....	440

**基于 VMD-TCN 的太阳活动指数  $F_{10.7}$  的短期预报**

**Short-Term Prediction of Solar Activity Factor  $F_{10.7}$  Based on VMD-TCN Model**

王璐瑶 ..... 449