

# <地球与环境>

2016年第44卷第4期(总第312期)

## 目次

### 研究成果

- 黄土高原关键带土壤水分空间分异特征.....王云强,邵明安,胡伟,等(391)  
降水梯度序列下柠条林地土壤养分的空间变异.....李琪,薛兴权,赵文武,等(398)  
南宁市朝阳溪岸边地下水持久性  
    有机污染物的污染特征.....孔祥胜,苗迎,栾日坚,等(406)  
淮北煤田河流水化学特征及意义.....陈松,桂和荣,林曼利,等(414)  
林州-安阳地区地下水三氮分布特征及其影响因素.....蒋万军,谢倩,王广才,等(422)  
青海门源地区 O<sub>3</sub> 浓度水平及影响因子分析.....王燕丽,窦筱艳,赵旭东,等(431)  
贵州红枫湖沉积物磷的生物有效性研究.....王敬富,陈敬安,杨海全,等(437)

### 应用研究

- 兰州市典型湿地沉积物中正构烷烃的来源分析.....杨奇丽,郭景(441)  
基于土地利用转型视角的“亚喀斯特”区域生态环境效应研究  
    ——以黔中部分地区为例.....胡锋,安裕伦,赵海兵(447)  
华东某铀矿区地表水中放射性核素铀含量特征分析.....向龙,刘平辉,张淑梅(455)  
煤炭型城市河流沉积物重金属地球化学基线厘定及应用  
    ——以安徽宿州市为例.....李致春,孙林华,陈松(462)  
四川省安宁河沉积物重金属污染特征  
    及其生态风险分析.....王雪梅,兰青,王洪波,等(472)  
者海铅锌渣中重金属的赋存形态及环境风险评价.....尹鑫,周广柱,王翠珍,等(478)

《地球与环境》征稿启事(484)[期刊基本参数]: CN 52 1139/P \* 1973 \* Q \* 16 \* 94 \* zh \* P \* 25.00 \* 800 \* 13 \* 2016 08

本期责任编辑:汪齐连 付绍洪

英文译校:王滨滨

排版:赵纪伟

# EARTH AND ENVIRONMENT

Vol.44 No.4 Tot No.312 2016

## CONTENTS

### Research Results

- Spatial Variations of Soil Water Content in the Critical Zone  
of the Chinese Loess Plateau.....WANG Yunqiang et al (391)
- Spatial Variation of Soil Nutrients in *Caraganakorshinskii* Soil  
under Precipitation Gradient Sequence.....LI Qi et al (398)
- Contamination of Persistent Organic Pollutants in the Offshore Groundwater  
of Chaoyangxi River in Nanning City, China.....KONG Xiangsheng et al (406)
- Chemical Characteristics of River Water in Huaibei Coalfield, China  
and Its Significance.....CHEN Song et al (414)
- Nitrogen Distribution in Groundwater of Linzhou-Anyang Area  
and Its Affecting Factors.....JIANG Wanjun et al (422)
- O<sub>3</sub> Concentration in Menyuan Area, Qinghai Province, China  
and Its Affect Factor.....WANG Yanli et al (431)
- Bioavailable Phosphorus in Sediments from Lake Hongfeng,  
Southwestern China.....WANG Jingfu et al (437)

### Applied Study

- Source Analysis of *N*-alkanes from Typical Wetlands Sediment  
in Lanzhou City, China.....YANG Qili et al (441)
- Research on Characteristics of Ecological Environment Effect on a “Semi-Karst” Region  
based on Land Use Transition:  
A Case in Central Guizhou Province, China.....HU Feng et al (447)
- Characteristics of Uranium Content in Surface Water of a Uranium Mine  
in Eastern China.....XIANG Long et al (455)
- Geochemical Baseline of Heavy Metals in the River Sediment in Coal Production Cities and Its  
Application —A Case Study of Suzhou City, China.....LI Zhichun et al (462)
- Pollution Characteristics and Potential Ecological Risk Assessment  
for Heavy Metals in Anning River, Sichuan Province, China.....WANG Xuemei et al (472)
- Speciation and Risk Assessment for Heavy Metals in Lead and Zinc slag  
at Zhehai, China.....YIN Xin et al (478)