

目 次

贵州地区酸雨作用下典型森林植被冠层淋溶规律研究.....	李 佳 李 巍 侯锦湘 高 芳 (1297)
空调滤网灰尘中多环芳烃分布特征及来源研究.....	周宏仓 张翠翠 蔡华侠 宋园园 薛鸿斌 (1303)
滇池北岸典型农区韭菜田大气氮湿沉降与氮挥发研究.....	.....陆海燕 胡正义 张瑞杰 殷小锋 逢玉万 吴永红 (1309)
应用呼吸-滴定测量监测硝化动态过程.....	张 欣 张代钧 卢培利 姜小丹 宋 雪 林宁波 (1316)
生物滤器处理海水养殖水过程中亚氮积累与影响因素.....	.....张延青 徐 洋 高喜燕 刘志培 张少军 刘 鹰 (1323)
水溶液中对叔辛基酚的紫外光降解研究.....	.....吴彦霖 余 焱 袁海霞 董文博 (1333)
中水回用对社区景观水体叶绿素 a 变化的影响.....	李 畅 秦华鹏 Soon-Thiam Khu 王 波 (1338)
一种基于钴的丝网印刷磷酸盐传感器研究.....	朱 磊 周小红 施汉昌 (1344)
纳米金/碳纳米管修饰石墨电极测定邻苯二酚.....	.....罗启枚 刘登友 王辉宪 周 华 周 栋 (1349)
溶解性有机物在土壤含水层处理系统中的变化.....	.....薛 爽 赵庆良 魏亮亮 李法云 马溪平 (1353)
污泥苯酚的释放特征及其风险评价与控制.....	.....翁焕新 褚 赟 章金骏 马学文 (1359)
不同质地湿地土壤碳、氮、磷计量学及厌氧碳分解特征.....	.....王维奇 仝 川 曾从盛 (1369)
退耕地养分和微生物量对土壤酶活性的影响.....	.....王 兵 刘国彬 薛 蕙 (1375)
3 种四环素类抗生素在褐土上的吸附和解吸.....	.....鲍艳宇 周启星 万 莹 余 强 谢秀杰 (1383)
两性-阳离子复配修饰壤土对苯酚的吸附.....	.....白俊风 孟昭福 刘源辉 秦普学 郑萍英 寻路路 郭彩虹 (1389)
沼泽红假单胞菌 <i>phbC-hupL</i> 双突变株构建及产氢测定.....	.....王中康 田远明 廖 强 张宝鹏 殷幼平 (1395)
太湖北部水体溶解性氨基酸分布特征及其环境意义.....	.....姚 昕 朱广伟 秦伯强 (1402)
杭州湾滨海湿地芦苇生物量及 N、P 储量动态变化.....	.....吴统贵 吴 明 虞木奎 萧江华 (1408)
云南省曲靖燃煤区人群多环芳烃的日暴露特征研究.....	.....张霖琳 吕俊岗 吴国平 魏复盛 (1413)
氯酚与乙酰胆碱酯酶相互作用的光谱研究.....	.....刘琼玉 周培疆 陈 岩 (1419)
中国化石能源以生物质能源替代的潜力及环境效应研究.....	.....陈雅琳 高吉喜 李咏红 (1425)
我国能源效率、CO ₂ 减排潜力及影响因素分析.....	.....曾贤刚 (1432)

国内外环境科技信息

饮用水加氯消毒的潜在威胁(1348)快速检测游憩水水质的方法(1394)

* * *

《中国环境科学》荣获第六届中国科协期刊优秀学术论文奖..... (1308)

关于《中国环境科学》网上投稿的通知..... (1440)

CHINA ENVIRONMENTAL SCIENCE

(monthly)

Volume 30 Number 10

October 20, 2010

CONTENTS

- Typical forests' leaching characteristics during acid rain in Guizhou..... LI Jia *et al.*(1297)
- The distribution and possible source of polycyclic aromatic hydrocarbons in dust from six air conditioner filters ZHOU Hong-cang *et al.*(1303)
- Atmospheric nitrogen wet deposition and nitrogen volatilization in Chinese chive planting field of a typical agricultural area at northern bank of Dianchi Lake LU Hai-yan *et al.*(1309)
- Monitoring the dynamic process of nitrification with respirometry-titrimetry ZHANG Xin *et al.*(1316)
- The accumulation of nitrite nitrogen in biofilter for mariculture wastewater treatment and influencing factors ZHANG Yan-qing *et al.*(1323)
- UV photodegradation of p-tert-octyl phenol(4-OP) in water..... WU Yan-lin *et al.*(1333)
- Influence of treated wastewater reuse on variation of chlorophyll-a in community landscape water body..... LI Chang *et al.*(1338)
- A disposable cobalt-based phosphate sensor based on screen printing technology ZHU Lei *et al.*(1344)
- Electrochemical determination of catechol with nano- gold/carbon nanotubes modified graphite electrode LUO Qi-mei *et al.*(1349)
- Changes of dissolved organic matter in soil-aquifer treatment system XUE Shuang *et al.*(1353)
- The release characteristics of phenol in sewage sludge and its risk assessment and control WENG Huan-xin *et al.*(1359)
- Stoichiometry characteristics of carbon, nitrogen, phosphorus and anaerobic carbon decomposition of wetland soil of different texture WANG Wei-qi *et al.*(1369)
- Effects of soil nutrient and soil microbial biomass on soil enzyme activities in abandoned croplands with different restoration age..... WANG Bing *et al.*(1375)
- Adsorption and desorption of three tetracycline antibiotics in cinnamon soils of China..... BAO Yan-yu *et al.*(1383)
- Adsorption of phenol on amphoteric-cationic modified loess soil BAI Jun-feng *et al.*(1389)
- Construction of *Rhodospseudomonas palustris phbC-hupL* double mutant and determination of H₂ production..... WANG Zhong-kang *et al.*(1395)
- Distribution of dissolved amino acids and its environmental significance in water of Taihu Lake, China..... YAO Xin *et al.*(1402)
- Dynamics of biomass and N, P storage of *Phragmites australis* in Hangzhou Bay Wetlands WU Tong-gui *et al.*(1408)
- Characteristic of daily total exposure to polycyclic aromatic hydrocarbons of people living in coal-fired area in Qujing, Yunnan Province ZHANG Lin-lin *et al.*(1413)
- Interaction between chlorophenols and acetylcholinesterase determined by spectroscopic methods LIU Qiong-yu *et al.*(1419)
- Potential of bio-energy substitute fossil energy and environmental effects CHEN Ya-lin *et al.*(1425)
- Energy efficiency, potential of CO₂ emission reduction and its determinants across Chinese regions ZENG Xian-gang(1432)