



☆ 中文核心期刊
☆ 中国科技核心期刊 (CSTPCD)
☆ 《国家哲学社会科学学术期刊数据库》(NSSD) 收录
★ 国际检索: Scopus、CSA: NS、AJ、CABI、ZR、JST、IC、EBSCOhost 等

☆ 中国科学引文数据库 (CSCD) 收录
☆ RCCSE 中国核心学术期刊



目次

第32卷 第12期 2019年12月

专论

辽东湾河口区海洋垃圾赋存特征及管理对策

..... 陈 熙, 高翊尧, 凌 玮, 柳 青, 沈 茜, 安立会, 王 琛 (1959)

《大气污染防治行动计划》实施效果评估及其对我国人均预期寿命的影响

..... 马国霞, 於 方, 张衍燊, 彭 菲 (1966)

展望

四溴乙基环己烷 (TBECH) 立体异构体的分析方法与环境行为及毒性效应研究进展

..... 王 丹, 黄红林, 吕丽丽, 李浩楠, 温 蓓 (1973)

自然生境中厌氧氨氧化功能微生物生态学研究进展

..... 侯俊青, 赵 吉, 李 佳, 赵子闻, 赵曼平, 武琳慧 (1984)

螯合剂修复重金属污染土壤联合技术研究进展..... 李晓宝, 董焕焕, 任丽霞, 曾 波, 廖祖文 (1993)

生态系统价值核算专题

厦门市森林生态系统固碳服务评估..... 高艳妮, 王 维, 刘 鑫, 张林波, 邓富亮, 杨春艳, 孙倩莹 (2001)

厦门市生态系统供水服务量化与价值评估..... 刘 尹, 李春明, 孙倩莹, 张林波, 高艳妮, 谢文玲 (2008)

厦门市陆地生态系统空气负离子服务能力评估..... 杨春艳, 马雯思, 张林波, 高艳妮, 贾振宇, 李付杰 (2015)

京津冀

“2+26”城市一次多因素叠加重污染过程的特征分析..... 殷丽娜, 褚明晰, 段菁春, 胡京南, 谭吉华 (2022)

基于 CMAQ 空气质量模型研究机动车对济南市空气质量的影响

..... 周 成, 李少洛, 孙友敏, 张桂芹, 李思远, 朱 丽 (2031)

长江经济带

三岔湖沉积物中葡萄糖脱氢酶 *gcd* 基因的多样性及其与环境因子的关系

..... 李 勇, 张建强, 付文丽, 吴东明 (2040)

淮北市煤炭开采与生态系统服务耦合度研究..... 娜 仁, 李康玮, 万伦来, 杨 峻 (2048)

近 30 年来高邮湖(含邵伯湖)自然水域面积变化及其影响因素

..... 管玉莹, 虞功亮, 韩睿明, 许君利, 霍 达, 王巧佳 (2057)

一带一路

陕甘宁地区城市空气质量特征及影响因素分析..... 刘 昕, 辛存林 (2065)

兰州市大气臭氧与其前体物及气象因子相关性研究

..... 陈雪萍, 巨天珍, 张江峪, 咸 龙, 王培玉, 张生财 (2075)

乌鲁木齐市大气颗粒物中重金属的污染特征及风险水平评价..... 杨鹏月, 帕丽达·牙合甫 (2084)

研究

炼焦过程及周边环境颗粒物中水溶性无机离子特征..... 魏凤华, 刘效峰, 武 慧, 王志磊, 牟 玲 (2091)

云水和云下冲刷颗粒物与气态污染物对降水中硫酸盐和硝酸盐的贡献

..... 谭叶玲, 邹长伟, 黄 虹, 魏 宸 (2098)

挺水植物对城市河流中典型污水印记药物的去除..... 周海东, 刘晓静, 陈晓萌, 王瑾雅丹 (2108)

表面改性非烧结生态砖材料对模拟城市暴雨径流中低浓度磷的吸附特性..... 唐海燕, 孟宪林, 高大文 (2117)

某生活垃圾焚烧发电厂周边农田土壤中 PAHs 生态安全评价

..... 张 晗, 陆少游, 刘 凯, 邹天森, 吕占禄, 王慢想, 张金良 (2124)

叶面喷施硫对镉污染土壤中水稻累积镉的机制研究..... 刘家豪, 赵 龙, 孙在金, 侯 红, 李 华 (2132)

安徽铜陵矿区不同功能区域土壤中重金属对微生物及酶活性的影响

..... 赵兴青, 朱旭炎, 黄 兴, 孙 雨, 侯 颖 (2139)

典型岩溶区水环境中全氟化合物分布特征及风险评价

..... 乔肖翠, 赵兴茹, 郭 睿, 汪 星, 郝姝然, 李 雪, 刘 琰 (2148)

酸热活化对海泡石吸附水溶液中 Cd 的影响机制..... 张 悦, 王 欣, 林治家, 彭 勃, 谭长银, 章新平 (2157)

SRIS 对垃圾渗滤液中氨氮去除效能及微生态分析

..... 宿程远, 朱孝文, 农志文, 黄 智, 方奕涛, 谢 颖, 郭媛媛 (2168)

信息

《环境科学研究》第五届编委会名单(封二)

欢迎订阅 2020 年《环境科学研究》(1992)

征稿启事(封三)

《环境科学研究》第 32 卷(2019)总目次

Contents

Vol.32 No.12 December 2019

SPECIALS

- Characteristics and Control of Marine Macrolitter in Estuaries of Liaodong Bay
..... CHEN Xi, GAO Yiyao, LING Wei, LIU Qing, SHEN Qian, AN Lihui, WANG Chen (1959)
- Effect of Implementation of the *Action Plan on Prevention and Control of Air Pollution* and Its Impact on Life Expectancy
in China..... MA Guoxia, YU Fang, ZHANG Yansheng, PENG Fei (1966)

PROSPECT

- Analytical Methods, Environmental Behaviors and Toxicological Effects of
1,2-Dibromo-4-(1,2-dibromoethyl)-cyclohexane (TBECH) Stereoisomers
..... WANG Dan, HUANG Honglin, LÜ Lili, LI Haonan, WEN Bei (1973)
- Current Insight on Microbial Ecology of Anaerobic Ammonium Oxidation in Natural Environment
..... HOU Junqing, ZHAO Ji, LI Jia, ZHAO Ziwen, ZHAO Manping, WU Linhui (1984)
- Effects of Chelating Agent Combination Technologies on Soil Contaminated by Heavy Metals
..... LI Xiaobao, DONG Huanhuan, REN Lixia, ZENG Bo, LIAO Zuwen (1993)

ECOSYSTEM VALUE ESTIMATION

- Evaluation of Carbon Sequestration of Forest Ecosystem in Xiamen City
.....GAO Yanni, WANG Wei, LIU Xin, ZHANG Linbo, DEND Fuliang, YANG Chunyan, SUN Qianying (2001)
- Quantification and Valuation of Water Supply Ecosystem Service in Xiamen City, China
..... LIU Yin, LI Chunming, SUN Qianying, ZHANG Linbo, GAO Yanni, XIE Wenling (2008)
- Service Capacity of Negative Air Ions in the Terrestrial Ecosystem of Xiamen City
..... YANG Chunyan, MA Wensi, ZHANG Linbo, GAO Yanni, JIA Zhenyu, LI Fujie (2015)

BEIJING-TIANJIN-HEBEI REGION

- Characteristics of a Multi-Factor Superimposing Haze Episode in '2+26' Cities
..... YIN Lina, CHU Yangxi, DUAN Jingchun, HU Jingnan, TAN Jihua (2022)
- Influence of Motor Vehicles on Air Quality in Urban Areas based on the CMAQ Model
..... ZHOU Cheng, LI Shaolu, SUN Youmin, ZHANG Guiqin, LI Siyuan, ZHU Li (2031)

YANGTZE RIVER ECONOMIC ZONE

- Diversity of Glucose Dehydrogenase *gcd* Gene and Its Relationship with Environmental Factors in Sediment of Sancha
Lake..... LI Yong, ZHANG Jianqiang, FU Wenli, WU Dongming (2040)
- Coupling of Coal Mining and Ecosystem Service: Evidence from Huaibei in China
..... NA Ren, LI Kangwei, WAN Lunlai, YANG Jun (2048)

- Changes in Water Area of Gaoyou Lake (including Shaobo Lake) and the Influencing Factors in the Past 30 Years
.....GUAN Yuying, YU Gongliang, HAN Ruiming, XU Junli, HUO Da, WANG Qiaojia (2057)

BELT AND ROAD INITIATIVE

- Analysis of Urban Air Quality Characteristics and Influencing Factors in Shaanxi-Gansu-Ningxia Region
.....LIU Xin, XIN Cunlin (2065)
- Correlation between Atmospheric Ozone and Precursor and Meteorological Factors in Lanzhou City
.....CHEN Xueping, JU Tianzhen, ZHANG Jiangyu, XIAN Long, WANG Peiyu, ZHANG Shengcai (2075)
- Pollution Characteristics and Risk Assessment of Heavy Metals in Atmospheric Particulates in Urumqi City
..... YANG Pengyue, PALIDA Yahefu (2084)

RESEARCH

- Characterization of Water-Soluble Inorganic Ions in Particles from Coking Process and the Plant Area
..... WEI Fenghua, LIU Xiaofeng, WU Hui, WANG Zhilei, MU Ling (2091)
- Contribution of Cloud Water and Below-Cloud Scavenging Particulate Matter and Gaseous Pollutants to Sulfate and Nitrate in Wet Precipitation..... TAN Yeling, ZOU Changwei, HUANG Hong, WEI Chen (2098)
- Removal of Typical Wastewater-Marking Pharmaceuticals with Emergent Aquatic Plants in Urban Rivers
..... ZHOU Haidong, LIU Xiaojing, CHEN Xiaomeng, WANGJIN Yadan (2108)
- Adsorption Characteristics of Low-Concentration Phosphorus in Simulated Urban Rainstorm Runoff by Surface Modified Non-Sintered Eco-Brick..... TANG Haiyan, MENG Xianlin, GAO Dawen (2117)
- Ecological Safety Evaluation of the Polycyclic Aromatic Hydrocarbons (PAHs) in Surface Soil of Farmland around a Municipal Solid Waste Incineration Power Plant
..... ZHANG Han, LU Shaoyou, LIU Kai, ZOU Tiansen, LÜ Zhanlu, WANG Manxiang, ZHANG Jinliang (2124)
- Protective Effect of Foliar Application of Sulfur on Rice under the Stress of Cd
..... LIU Jiahao, ZHAO Long, SUN Zaijin, HOU Hong, LI Hua (2132)
- Effects of Heavy Metals in Soils on Microorganisms and Enzyme Activities in Different Functional Areas of Tongling Mining Area in Anhui Province..... ZHAO Xingqing, ZHU Xuyan, HUANG Xing, SUN Yu, HOU Ying (2139)
- Distribution Characteristics and Risk Assessment of Per-and Polyfluoroalkyl Substances in Water Environment in Typical Karst Region.....QIAO Xiaocui, ZHAO Xingru, GUO Rui, WANG Xing, HAO Shuran, LI Xue, LIU Yan (2148)
- Efficiency and Mechanisms of Aqueous Cd Removal by Sepiolite Modified by Heat and Acidification
..... ZHANG Yue, WANG Xin, LIN Zhijia, PENG Bo, TAN Changyin, ZHANG Xinping (2157)
- Efficiency of Ammonia Nitrogen Removal and Microbial Community in Landfill Leachate by Modified Soil Rapid Infiltration System
.....SU Chengyuan, ZHU Xiaowen, NONG Zhiwen, HUANG Zhi, FANG Yitao, XIE Ying, GUO Yuanyuan (2168)