



- ★ 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33卷 第7期 2020年7月

特邀主编: 赵晓丽, 李芳柏, 段小丽, 徐 建

传染病疫情环境影响因素

历史传染病疫情的环境与气候特征初探及对新冠肺炎疫情的思考

..... 王 颖, 梁丁元, 李 壤, 张浩文, 范文宏, 吴丰昌 (1555)

甲型流感的流行与防控分析及其对新冠肺炎疫情的启示

..... 李 壤, 梁丁元, 穆云松, 马 瑾, 常 江, 王 颖 (1562)

我国城市新冠肺炎发病率的地理分布格局: 人口迁徙与社会经济因素的影响

..... 梁 泽, 王玥璐, 孙福月, 梁琛瑜, 李双成 (1571)

新冠肺炎疫情对农村人居环境整治的影响..... 李厚禹, 蒲 伟, 邵振鲁, 刘亚琦, 徐 艳, 郑向群 (1579)

病毒生存环境与传播

影响病毒在物体表面和空气中生存的因素分析

..... 牛 琳, 梁为纲, 汪 霞, 穆云松, 王珺瑜, 武 迪, 赵晓丽 (1589)

环境因素对病毒在水体中生存与传播的影响..... 王珺瑜, 赵晓丽, 梁为纲, 牛 琳, 汪 霞, 王晓蕾 (1596)

病毒对地下水的入侵风险与防控对策浅析

..... 李 瑞, 徐从超, 姜 玉, 郝 艳, 杨予宁, 李鸣晓, 姜永海, 许秋瑾, 席北斗 (1604)

病毒在土壤中的存活时间与传播能力及其影响因素..... 吴颐杭, 刘奇缘, 杨书慧, 马 瑾 (1611)

病毒在无生命物体表面存活时间及其影响因素分析

..... 杨书慧, 吴颐杭, 屈雅静, 刘奇缘, 伍海闻, 龚逸伟, 马 瑾 (1618)

消毒剂使用对水环境的影响

我国淡水环境中卤乙酸类消毒副产物的预测无效应浓度研究

..... 张瑜，丁婷婷，肖欣欣，张亚辉，何连生 (1624)

国内外饮用水余氯限值及监测方法的研究进展 薛荔栋，朱红霞，金小伟，张霖琳，袁懋 (1632)

含氯消毒副产物的种类、危害与地表水污染现状

..... 朱红霞，薛荔栋，刘进斌，陈烨，金小伟，袁懋 (1640)

防护行为与措施

新冠肺炎疫情期间我国居民佩戴口罩防护行为研究

..... 曹素珍，温东森，陈星，魏佳宁，王贝贝，秦宁，段小丽 (1649)

新冠肺炎疫情期间我国居民洗手行为研究 曹素珍，魏佳宁，陈星，郭倩，郑方圆，段小丽 (1659)

新冠肺炎疫情期间我国居民开窗通风频率和时间研究

..... 高菲，徐翔宇，郭倩，曹素珍，魏佳宁，王贝贝，秦宁，段小丽 (1668)

新冠肺炎疫情期间我国人群交通出行行为分析

..... 姜楠，李赛，曹素珍，魏佳宁，王贝贝，秦宁，段小丽 (1675)

医疗废物应急处置体系

我国医疗废物应急处置体系构建思路 张筝，程亮，王夏晖，卢然，魏长河，雷梅 (1683)

我国新冠肺炎疫情期间医疗废物收集管理现状分析及对策研究 罗兰，张俊丰，王红梅，李宇婷 (1691)

补齐医疗废物和危险废物收集处理短板的思考和建议

..... 程亮，张筝，孙宁，刘双柳，陶亚，徐志杰，王志凯 (1698)

新冠肺炎疫情期间医废收处人员防护措施及暴露风险调查研究

..... 郑方圆，徐翔宇，曹素珍，段小丽，马瑾，赵晓丽，徐建，吴丰昌 (1705)

抗生素环境残留

环丙沙星胁迫猪粪生物转化中抗性基因微生物响应分析 夏湘勤，唐朱睿，黄彩红，席北斗，郭威 (1711)

菌渣中青霉素对蔬菜种子萌发的生态毒性效应

..... 马双，许继飞，刘宏博，吴昊，崔思嘉，周睦雅，王旭明，田书磊 (1721)

信息

序言 (I)

《环境科学研究》第五届编委会名单 (封二)

特邀主编 (封三)



环境科学研究 Huanjing Kexue Yanjiu

期刊基本参数：CN 11-1827/X*1988*m*A4*174*zh*P*Y 80.00*1000*22*2020-07

执行编辑：周巧富

Contents

A series of grey chevron-like arrows pointing to the left, located to the right of the journal title.

Vol.33 No.7 July 2020

ENVIRONMENTAL FACTORS OF THE EPIDEMIC

- Preliminary Study on Environmental and Climatic Characteristics of Historical Infectious Diseases and Some Thoughts of COVID-19..... WANG Ying, LIANG Dingyuan, LI Yao, ZHANG Haowen, FAN Wenhong, WU Fengchang (1555)
- Epidemic Situation, Prevention, Control of Influenza A and Its Enlightenment for COVID-19
..... LI Yao, LIANG Dingyuan, MU Yunsong, MA Jin, CHANG Jiang, WANG Ying (1562)
- Geographical Pattern of COVID-19 Incidence of China's Cities: Role of Migration and Socioeconomic Status
..... LIANG Ze, WANG Yueyao, SUN Fuyue, LIANG Chenyu, LI Shuangcheng (1571)
- Influence of Corona Virus Disease 2019 (COVID-19) on Renovation of Rural Living Environment
..... LI Houyu, KUAI Wei, SHAO Zhenlu, LIU Yaqi, XU Yan, ZHENG Xiangqun (1579)

SURVIVAL AND TRANSMISSION OF VIRUSES

- Analysis of Factors Affecting Virus Survival on Object Surface and in Air
..... NIU Lin, LIANG Weigang, WANG Xia, MU Yunsong, WANG Junyu, WU Di, ZHAO Xiaoli (1589)
- Influences of Environmental Factors on Survival and Transmission of Viruses in Water
..... WANG Junyu, ZHAO Xiaoli, LIANG Weigang, NIU Lin, WANG Xia, WANG Xiaolei (1596)
- Preliminary Understanding of Groundwater Virus: Risks and Control
... LI Rui, XU Congchao, JIANG Yu, HAO Yan, YANG Yuning, LI Mingxiao, JIANG Yonghai, XU Qijin, XI Beidou (1604)
- Survival Time and Transmission Ability of Viruses in Soil and Its Influencing Factors
..... WU Yihang, LIU Qiyuan, YANG Shuhui, MA Jin (1611)
- Survival Time and Influential Factors of Viruses on Surface of Inanimate Objects
..... YANG Shuhui, WU Yihang, QU Yajing, LIU Qiyuan, WU Haiwen, GONG Yiwei, MA Jin (1618)

EFFECT OF DISINFECTANT ON WATER ENVIRONMENT

- Predicted Non-Effect Concentrations for Disinfection By-Products of Haloacetic Acids (HAAs) in Freshwater Environment in China ZHANG Yu, DING Tingting, XIAO Xinxin, ZHANG Yahui, HE Liansheng (1624)
- Review of Domestic and Foreign Guideline Values and Monitoring Methods of Residual Chlorine in Drinking Water
..... XUE Lidong, ZHU Hongxia, JIN Xiaowei, ZHANG Linlin, YUAN Mao (1632)
- Types, Hazards and Pollution Status of Chlorinated Disinfection By-Products in Surface Water
..... ZHU Hongxia, XUE Lidong, LIU Jinbin, CHEN Ye, JIN Xiaowei, YUAN Mao (1640)

Contents

PROTECTIVE BEHAVIOR AND MEASURES

- Protective Behavior of Chinese Population Wearing Masks during the COVID-19 Epidemic CAO Suzhen, WEN Dongsen, CHEN Xing, WEI Jianing, WANG Beibei, QIN Ning, DUAN Xiaoli (1649)
- Handwashing Behavior of Chinese Population during the COVID-19 Epidemic CAO Suzhen, WEI Jianing, CHEN Xing, GUO Qian, ZHENG Fangyuan, DUAN Xiaoli (1659)
- Ventilation Frequency and Duration of Chinese Population Opening Window during the COVID-19 Epidemic GAO Fei, XU Xiangyu, GUO Qian, CAO Suzhen, WEI Jianing, WANG Beibei, QIN Ning, DUAN Xiaoli (1668)
- Transportation Activity Patterns of Chinese Population during the COVID-19 Epidemic JIANG Nan, LI Sai, CAO Suzhen, WEI Jianing, WANG Beibei, QIN Ning, DUAN Xiaoli (1675)

MEDICAL WASTE EMERGENCY DISPOSAL SYSTEM

- Construction of Medical Waste Emergency Disposal System in China ZHANG Zheng, CHENG Liang, WANG Xiaohui, LU Ran, WEI Changhe, LEI Mei (1683)
- Analysis and Countermeasures of Medical Waste Collection and Management of COVID-19 in China LUO Lan, ZHANG Junfeng, WANG Hongmei, LI Yuting (1691)
- Suggestions on Making Up for Shortcomings in Collection and Treatment of Medical Waste and Hazardous Waste CHENG Liang, ZHANG Zheng, SUN Ning, LIU Shuangliu, TAO Ya, XU Zhijie, WANG Zhikai (1698)
- Investigation on and Protective Measures and Exposure Risks for the People Related to Medical Waste Disposal during the COVID-19 Epidemic ZHENG Fangyuan, XU Xiangyu, CAO Suzhen, DUAN Xiaoli, MA Jin, ZHAO Xiaoli, XU Jian, WU Fengchang (1705)

ENVIRONMENTAL RESIDUES OF ANTIBIOTIC

- Microbial Response to Antibiotic Resistance Genes in Manure Biotransformation Under Ciprofloxacin Stress XIA Xiangqin, TANG Zhurui, HUANG Caihong, XI Beidou, GUO Wei (1711)
- Ecotoxicity of Penicillin in Mycelial Residues on Germination of Vegetable Seeds MA Shuang, XU Jifei, LIU Hongbo, WU Hao, CUI Sijia, ZHOU Jieya, WANG Xuming, TIAN Shulei (1721)

