

《环境化学》二〇一八年总目次

(第 37 卷)

氨基比林的臭氧降解和矿化效能分析	黄智勇 徐丹瑶 阮文权 等 1 (1)
水生系统中溶解态有机质的激发效应研究进展	程 琼 庄婉娥 杨丽阳 1 (10)
不同处理方法对降水中污染元素来源评估的不确定性讨论——以西藏拉萨和纳木错为例 韩小文 陈鹏飞 康世昌 等 1 (19)
光子晶体在环境污染物快速检测方面的研究进展	汪彩琴 唐淑阁 刘 辉 等 1 (25)
用于 CO ₂ 捕集的金属有机框架 (MOFs) 材料改性研究进展	葛 慧 苗媛媛 赵云霞 等 1 (32)
不同季节垃圾填埋场周围重金属污染特征及评价	李鹏辉 邹晓燕 楼 婕 等 1 (41)
原油及石油炼制品指纹特征差异性研究	林法祥 郑 立 1 (51)
气相色谱-串联质谱法测定家用搅拌机中 21 种邻苯二甲酸酯迁移量	王志娟 李海玉 王 婉 等 1 (60)
对比施用生物炭和肥料对土壤有效镉及酶活性的影响	王秀梅 安 毅 秦 莉 等 1 (67)
胞内磷含量和比值对莱茵衣藻硝酸盐和亚硝酸盐耐性的影响	郑燕恒 李 颢 张春华 等 1 (75)
藻毒素降解菌 CQ5 对 MC-LR 粗提液的降解动力学	陈泽慧 高志伟 董小娜 等 1 (82)
不同形态水葫芦和污泥联合厌氧消化产沼气性能	高 文 伍健东 周兴求 等 1 (89)
茶渣负载纳米四氧化三铁复合材料制备及其对亚甲基蓝的吸附机理	姚 时 张鸣帅 李林璇 等 1 (96)
C-TiO ₂ /Ti-Cu ₂ O/Cu 光催化燃料电池的性能	杨 开 徐云兰 钟登杰 1 (108)
石河子市 PM _{2.5} 中有机碳和元素碳的变化特征与来源解析	郑晓伍 陈家灯 刘子龙 等 1 (115)
石家庄冬季道路积尘 PM _{2.5} 与 PM ₁₀ 碳组分污染特征分析	周 盼 秦 伟 郭 硕 等 1 (123)
成都市温江区 PM _{2.5} 中有机和无机含硫化合物的分布特征	邹明汐 周 易 谢玲玲 等 1 (130)
黄石市大气 PM ₁₀ 和 PM _{2.5} 中元素特征及重金属生态风险评价	虎彩娇 成海容 李锦伦 等 1 (138)
pH 和含水量对设施菜地土壤 N ₂ O 排放的影响	吴 涛 李 华 王振领 等 1 (146)
寿光设施菜地土壤 N ₂ O 排放规律及其影响因素	陶宝先 刘晨阳 1 (154)
黄河流域马莲河枯水期水化学特征及形成机制	王雨山 程旭学 张梦南 等 1 (164)
松花江干流底栖动物与水质相关性分析	赵 然 李中宇 贾立明 等 1 (173)
使用 Intuvo 9000 气相色谱系统提高 GC-MS/MS 农药多残留分析方法的稳定性	袁智泉 冯 爽 吴 霞 1 (181)
桑椹中 11 种真菌毒素的检测分析	李文廷 张瑞雨 师 真 等 1 (185)
GCMS 结合 Compound Composer 软件筛选 PM _{2.5} 中有机污染物	马英歌 戴海夏 李 莉 等 1 (188)
* * * * *	
淮南燃煤电厂汞分配、富集与释放通量	陈自祥 王儒威 孙若愚 等 2 (193)
双酚 S 毒理学、人体暴露水平与健康效应研究进展	宋淑玲 马生明 2 (200)
四环素对人粪便好氧堆肥过程中酶活性及腐熟的影响	时红蕾 王晓昌 李 倩 2 (209)
不同种类氨基酸在氯化后形成三卤甲烷和卤乙酸潜能特性	陈 娇 甘国娟 伍 欢 等 2 (216)
低浓度镉对忍冬生长及光合生理的影响	刘周莉 陈 玮 何兴元 等 2 (223)
辣椒中多环芳烃的累积特征及健康风险评估	程琪琪 葛 蔚 李敬锁 等 2 (229)
大连刺参氨基酸碳稳定同位素组成特征的分析	刘 瑀 赵新达 张旭峰 等 2 (239)
Cu ²⁺ 对富里酸 (FA) 形态结构与其三卤甲烷生成能力的影响	刘立超 李 静 李 征 等 2 (249)
超高效液相色谱-串联质谱法同时测定水中 13 种药品与个人护理品	冉韵竹 齐维晓 李 静 等 2 (255)
聚苯乙烯泡沫中六溴环十二烷 (HBCD) 释放速率测定方法	石亚楠 詹发强 袁和平 等 2 (264)
土壤和沉积物中重金属锑及其价态分析方法研究进展	刘硕勋 黄天舒 颜 耕 等 2 (271)
滇东地区土壤剖面氮同位素垂直分异及空间分异特征	郭 松 王立发 马海欧 等 2 (279)
冰封期湿地沉积物碳、氮、磷分布及污染评价	杨文焕 崔亚楠 李卫平 等 2 (287)

- 化学工业区周边土壤中多环芳烃含量、来源及健康风险评估 郭 瑾 葛 蔚 柴 超 等 2 (296)
- 胶州湾南部溢油海域表层沉积物油指纹特征参数变化 薛 雪 马启敏 丁慧平 等 2 (310)
- 高指数晶面二氧化钛对砷、锑的共吸附去除 聂 晓 阎 莉 张建锋 2 (318)
- 磁性氧化铁纳米颗粒在不同性质分散剂作用下的聚合状态 徐其静 Ghosh Saikat 王 朋 等 2 (327)
- 阴离子黏土处理增强型地热系统返排液的研究 余正艳 郭清海 曹耀武 等 2 (335)
- 倏逝波免疫传感器超灵敏检测水样中的双酚 A 李 伟 吴 君 王浩宇 等 2 (347)
- 广州地区一次典型光化学污染过程的监测 邹 宇 王 凤 邓雪娇 等 2 (353)
- 石墨炉分光光度法测定土壤和沉积物中铈 朱日龙 于 磊 周刚强 等 2 (363)
- 超高效液相色谱三重四极杆质谱联用法测定地表水中的氨基甲酸酯类农药残留
董恒涛 姚劲挺 郝红元 等 2 (367)
- 利用在线气相色谱技术监控空气中的恶臭硫化物 杨晓辉 徐 勇 张 楨 2 (371)
- *****
- (可降解)微塑料颗粒吸附有机污染物及对其生物有效性的影响 张 凯 孙红文 3 (375)
- 环境中微(纳米)塑料的来源及毒理学研究进展 杨婧婧 徐 笠 陆安祥 等 3 (383)
- 北京地区 PM_{2.5} 浓度影响因素及估算模型 谷阳阳 苏贵金 柴 涛 等 3 (397)
- 雾霾天气下室内外颗粒物粒径分布特征 何楷强 苑春刚 张可刚 等 3 (410)
- 单一汞同位素示踪大气与农田作物汞的交换过程 朱宗强 王 训 王 衡 等 3 (419)
- 生活垃圾焚烧炉中二噁英、氯苯排放特性及关联 林斌斌 李晓东 王天娇 等 3 (428)
- 不同燃烧温度下煤中铬迁移和释放特性 李立园 汤 泉 郑刘根 等 3 (437)
- 环境相关浓度铅暴露诱导斑马鱼仔鱼神经行为毒性 张 晴 张 斌 赵 静 等 3 (445)
- 饮用水系统中药物和个人护理用品的研究进展 王 琦 武俊梅 彭晶倩 等 3 (453)
- 氧氟沙星和诺氟沙星在磷酸改性生物炭上的等温吸附行为 储 刚 赵 婧 刘 洋 等 3 (462)
- 磺胺甲恶唑和甲氧苄啶对生物脱氮过程的影响规律 杨腾飞 张小寒 黄钰淇 等 3 (471)
- 水体被动采样技术的发展与应用 雷 沛 单保庆 张 洪 3 (480)
- 固相萃取-液相色谱/荧光检测法同时测定水中 8 种烷基酚和烷基酚聚氧乙烯醚
郭文建 王 超 吕怡兵 等 3 (497)
- 长江南京段表层水体中 12 种磺胺类抗生素的污染水平及风险评价 唐 娜 张圣虎 陈政宏 等 3 (505)
- 开封市城乡交错区农田土壤重金属污染及潜在生态风险评价 王小莉 陈志凡 魏张东 等 3 (513)
- 不同水分管理下施用尿素对土壤镉污染钝化修复效应及微生物结构与分布影响
黄 荣 徐应明 黄青青 等 3 (523)
- 有机肥对铅在土壤中形态分配的影响 周宇杰 赵 文 罗春岩 等 3 (534)
- 不同南方籼稻品种对土壤镉的富集及其健康风险评估 张未利 JAMES Blessing 陈炎辉 等 3 (544)
- 斜生栅藻与氰化钾的相互作用 刘青青 张闪闪 邹 华 等 3 (552)
- 粉煤灰渗滤系统处理城市非点源污染物效果评估 易齐涛 余艳霞 李 慧 等 3 (559)
- 碳酸氢钾活化制备水稻秸秆炭孔结构的影响因素及吸附性能 黄毓颖 李坤权 姚 文 等 3 (569)
- 乙烯基聚合物的好氧生物降解特性 赵 霞 马建中 马宏瑞 等 3 (576)
- 固体浓度及上清液有机物对柠檬酸污泥 pH 缓冲容量的影响 李影影 董黎明 李梦娅 等 3 (584)
- 镉在印染废水高比例循环利用过程中的富集 蒋丹丹 王 丹 金 鑫 等 3 (591)
- 基于 QUAL2K 模型的尾水生态净化方案设计 朱文婷 钱 新 钱 玮 等 3 (600)
- 微波消解/ICP-MS 法测定粮食中的 18 种痕量元素 赵小学 袁 懋 闫 锋 等 3 (609)
- 超高效液相色谱-串联质谱法检测动物源性食品中的金刚烷胺 张 璐 付晓燕 何 强 等 3 (614)
- GC-MS/MS 测定土壤中 16 种多环芳烃 王 迪 马 晶 李 灏 等 3 (617)
- 南方某地区水体抗生素含量及风险评估 闭凤丽 李志广 刘 波 等 3 (621)

北京地区畜禽养殖场周边蔬菜地生食蔬菜抗生素耐药基因(ARGs)的赋存特性 李 娟 魏源送 陈 倩 4 (625)

天津市孕妇胎盘中邻苯二甲酸单酯的分布特征 粟笑迎 孙红文 4 (636)

红隼体内典型卤代有机污染物的含量及组织分配 余乐洹 蔡梓华 余旭儿 等 4 (644)

典型雌激素在水稻土中的吸附特征及高岭土和猪粪 DOM 对吸附的影响 袁哲军 张洪昌 胡双庆 等 4 (652)

纳米二氧化硅与汞(Hg²⁺)对中肋骨条藻(*Skeletonema costatum*)的联合毒性效应 章哲超 胡 佶 刘淑霞 等 4 (661)

官厅水库沉积物活性提取液化学成分分析及基因毒性效应 巩文雯 付文君 韩 平 等 4 (670)

生活垃圾填埋富里酸电子转移能力与影响因素 肖 骁 何小松 席北斗 等 4 (679)

市政污泥堆肥过程胡敏酸电子转移能力的演变规律 唐朱睿 席北斗 檀文炳 等 4 (689)

L-半胱氨酸在柠檬酸和氨基磺酸混合介质中对碳钢的缓蚀 梁丽华 郑现明 José Alberto Alvarado 等 4 (698)

石墨烯对漆酶/介体系统降解碱木素的影响 黄丽萍 马 华 潘 雨 等 4 (704)

响应曲面法优化新型电化学系统深度处理垃圾渗滤液生化出水 李虹雨 王 可 邢 璇 等 4 (713)

UV/SO₃²⁻体系还原降解全氟辛烷磺酸及其影响因素 宋 洲 何海洋 董学林 等 4 (720)

基于分子对接技术的萘酶促反应速率影响因素 李兴春 杜显元 褚振华 等 4 (731)

毒性物质在微生物燃料电池中不同响应的研究进展 梁胜娜 杨 俏 高 超 等 4 (740)

Co/Zn 双金属氧化物活化过一硫酸盐降解双酚 A 的性能研究 刘 萌 胡莉敏 张广山 等 4 (753)

铁氧磁体纳米颗粒去除水体中新型污染物双氯芬酸 曹双双 段艳平 涂耀仁 等 4 (761)

低温锰基分子筛脱硝催化剂的研究进展 李 歌 王宝冬 马 静 等 4 (769)

锰基低温 SCR 脱硝催化剂抗硫抗水性能研究进展 周佳丽 王宝冬 马 静 等 4 (782)

ZnO/g-C₃N₄复合型光催化剂的制备及其光催化性能 万建新 任学昌 刘宏伟 等 4 (792)

氧化石墨烯纳米材料的制备及其对 Eu(III) 吸附性能 张 蓉 付 婧 罗 田 等 4 (798)

新型超高交联吸附树脂的制备及其对水杨酸、没食子酸吸附性能 徐 超 刘金鑫 孙伟之 等 4 (807)

聚多巴胺包覆磁性纳米材料吸附去除模拟废水中的铅离子 马玉荣 周陆跃 4 (817)

长三角地区土壤中有机氯农药残留量及其分布特征 邵 波 刘 勇 李 鑫 等 4 (824)

基于动态模型的四川盆地植物挥发性有机物排放 陆成伟 周子航 刘合凡 等 4 (836)

墨水河表层沉积物中多环芳烃(PAHs)的分布特征、来源解析及生态风险评价 刘少鹏 李先国 张大海 等 4 (843)

内蒙古半干旱草原某铅锌矿区土壤性质及重金属污染生态风险评价 郭祥义 王永康 张必敏 等 4 (851)

滇重楼与丛枝菌根的共生对重金属元素吸收的影响 杨 敏 张 杰 沈昱翔 等 4 (860)

北京市西三环地区大气中多氯联苯的污染特征和气粒分配 周仲凡 冯思捷 解春宵 等 4 (871)

重庆市垃圾焚烧飞灰中重金属分布特征及药剂稳定化处理 朱节民 李梦雅 郑德聪 等 4 (880)

西藏帕隆藏布江流域天然水的水化学特征 张强英 布 多 吕学斌 等 4 (889)

磁溅射纸基电极-方波脉冲检测铜离子 王晓青 孙榭舟 佟建华 等 4 (897)

气相色谱及气相色谱-质谱联用研究窖泥微生物 刘燕梅 王艳丽 李永博 等 4 (902)

固相萃取-液相色谱-串联质谱法同时测定养猪废水中 11 种抗生素残留 姜 冰 李 漫 吴 岩 等 4 (906)

基于三维荧光光谱直测土壤中的多环芳烃 李爱民 连增艳 杨仁杰 等 4 (910)

山西省大气 PM_{2.5} 污染时空分布特征 李宏艳 高雪莹 李宏宇 等 5 (913)

昆明城区夏季单颗粒气溶胶质谱特征及来源分析 向 峰 李建文 韩新宇 等 5 (924)

首都圈西北部主要活动断裂 CO₂、Rn、Hg 脱气对环境的影响 李 静 周晓成 石宏宇 等 5 (931)

道路灰尘中重金属的污染特征及其与道路等级的关系——以北京和郑州为例 沈墨海 董文静 王梦蕾 等 5 (942)

石家庄冬季道路积尘水溶性离子污染特征及来源分析 周 盼 秦 伟 郭 硕 等 5 (952)

冬季北黄海溶解态 CH₄ 和 N₂O 的浓度分布及海-气交换通量 臧昆鹏 霍 城 郑 楠 等 5 (959)

- 南沙海域沉积物岩心中²³⁸U 和⁴⁰K 的测定及深度变化 陈俊畅 夏良树 麻卓然 等 5 (968)
- 氧化还原环境变化对河口沉积物硅影响的模拟研究 朱华刚 王超 侯俊 等 5 (974)
- 江苏苏北湿地土壤重金属污染特征及评价 罗婷 丁颖 孙健雄 等 5 (984)
- 安溪铁观音茶园土壤重金属分布及污染评价 黄华斌 林承奇 于瑞莲 等 5 (994)
- 中国高山及高原边缘过渡区环境中持久性有机污染物研究进展 潘静 盖楠 5 (1002)
- 青藏高原地区典型选矿药剂自然降解特性 王春英 罗仙平 祝思频 等 5 (1013)
- 甲基硅烷对人体暴露途径的研究进展 封棣 张喜荣 戚冬雷 5 (1022)
- 绿洲土壤 Cd-Ni 复合污染对油菜生长及吸收的影响 许生辉 南忠仁 王胜利 等 5 (1037)
- 含特殊官能团有机物分配系数预测的多参数线性自由能关系(PP-LFERs)研究 张良静 顾慧燕 毕二平 5 (1045)
- UV/H₂O₂光化学降解水中双氯芬酸的动力学及机理 史鸿乐 刘义青 周高峰 等 5 (1054)
- 酮洛芬在臭氧作用下的降解机制、产物及毒性 林晓璇 孔青青 曾泳钦 等 5 (1063)
- 零价铁活化过硫酸钠对偶氮染料 4BS 的脱色机理 唐玉朝 尹汉雄 黄健 等 5 (1071)
- 硬脂酸和油酸钝化黄铜矿表面的电化学研究 周树林 舒小华 丰顺 等 5 (1079)
- 氧化石墨烯对水环境中金属离子的吸附作用研究进展 闫帅欣 王方 王中良 5 (1089)
- 牛粪生物炭对紫色土吸附-解吸腐殖酸的影响 黄惠群 蔡文昌 张健瑜 等 5 (1099)
- 钾盐沉积 V₂O₅-WO₃/TiO₂ 催化剂的制备及再生 董文华 黄华存 周惠 等 5 (1110)
- 三种人工湿地填料对低浓度氨氮废水的吸附特性 刘莹 刘晓晖 张亚茹 等 5 (1118)
- 垃圾渗滤液生化出水电化学处理技术 邓阳 冯传平 胡伟武 等 5 (1128)
- 混合耐冷菌群的筛选、鉴定及其对生活污水净化的效能 李成 宋漫利 李容榛 等 5 (1141)
- 人体尿液中磷系阻燃剂代谢产物检测方法的建立 杨姗姗 邵瑞华 严骁 等 5 (1149)
- 快速溶剂萃取/气相色谱-质谱联用法测定土壤中 15 种邻苯二甲酸酯类增塑剂
..... 王兴磊 李芳 刘云庆 等 5 (1157)
- 气相色谱测定水中 19 种有机氯农药 常森 王崇臣 张建中 等 5 (1165)
- 液相色谱-串联质谱法测定谷物类食品中 T-2 毒素 陈瀚锋 方科益 陈树兵 5 (1169)
- 饮用水水处理工艺之抗生素去除效果初探 闭凤丽 李志广 张凌云 等 5 (1172)
- GC-MS/MS 结合改进的 QuEChERS 方法测定茶叶中多农药残留 崔鹏 马晶 孙谦 5 (1175)
- *****
- “温度-压力-溶剂”对 Al(H₂O)₆³⁺ 动态水交换反应影响的密度泛函理论研究 张婧 董绍楠 侯晓霞 等 6 (1179)
- 光照、硫化和浓度效应对水环境中胞外聚合物与银离子相互作用的影响机制
..... 沈毅 陈芳敏 杨悦锁 等 6 (1186)
- 全氟辛酸和全氟辛烷磺酸异构体的膳食暴露来源 王雨昕 谢丹 李敬光 等 6 (1197)
- 双酚 A 不同暴露方式对线虫生长生殖发育及凋亡的影响 石珏 杨亚宁 黎青青 等 6 (1203)
- 磺胺氯吡嗪对大肠杆菌的生长、突变及接合转移效应的影响 史璐怡 马清萍 于洋 等 6 (1209)
- 外源钒胁迫下甜玉米植物可溶性蛋白含量的动态变化 侯明 王秀丽 杨心瀚 等 6 (1217)
- 采用 HRMS 结合¹³C-同位素比值技术探究水环境中新兴污染物的归趋和转化机制
..... 孙凯 李雅欣 李舜尧 等 6 (1223)
- 水热炭的制备、结构特征和应用 俞盈 韩兰芳 姜晓满 6 (1232)
- 生物炭对水溶液中肉桂酸的吸附机制研究 李广坡 林伟鑫 杨美玉 等 6 (1245)
- 基于 CeO₂/TiO₂ 催化 H₂O₂ 氧化低温脱硝的实验研究 王琦 陆强 仇志超 等 6 (1253)
- Cu-SAPO-44 的制备及氨选择性催化还原氮氧化物的性能 李瑞睿 孔祥成 王晓 等 6 (1264)
- Fe、Mn、Cu 及其复合负载 γ-Al₂O₃ 纳米颗粒的制备、表征和催化降解 PVA 性能 苏扬帆 李梦娟 葛明桥 6 (1272)
- 三维石墨烯材料在污水处理中的研究进展 蔡亭伟 丁颖 徐丽慧 6 (1282)
- 多功能型天然高分子水处理剂的研究 余伟 黄牧 李爱民 等 6 (1293)
- 三种典型异味物质的愉悦度特征 李佳音 李伟芳 杨伟华 等 6 (1311)

曝气量对微生物燃料电池脱氮的影响 刘若男 赵博玮 岳秀萍 6 (1317)

腐殖酸和含磷物质对模拟铅污染农田土壤的钝化效应 钟振宇 赵庆圆 陈 灿 等 6 (1327)

微生物溶藻进程与机制的三维荧光分析方法 董小娜 陈泽慧 毛林强 等 6 (1337)

螺旋霉素在水溶液中的光降解 常海莎 闫豫君 鲁建江 等 6 (1343)

硝酸辅助超声作用强化污泥中 Cd 和 As 的沥出 钟振宇 王 祥 陈 灿 等 6 (1351)

气相色谱质谱大体积进样法检测环境水和饮用水中 37 种农药和环境激素的残留
..... 王正全 崔云云 陈 力 等 6 (1362)

分子印迹-固相萃取-气相色谱-质谱联用测定沉积物中的 16 种邻苯二甲酸酯
..... 刘奇鹰 施 航 郭远明 等 6 (1376)

淮南燃煤电厂烟气中颗粒相和气相中多环芳烃的赋存特征 袁晶晶 笄春年 王儒威 等 6 (1382)

不同条件下河口裸滩地汞、甲基汞含量变化 李 航 郑冬梅 李卉颖 等 6 (1391)

廊坊市市区地下水质量现状评价与分析 刘 超 张旭虎 李 辉 等 6 (1399)

基于环境同位素和水化学特征识别矿井涌水来源 陈建平 潘光义 吴 丽 等 6 (1410)

滇东北毛坪铅锌矿区水化学特征及成因 王 剑 罗朝晖 陈植华 等 6 (1421)

快速高通量全消解 ICP-MS 法测定《全国土壤污染状况详查》项目中 14 种元素
..... 文 典 严 冬 赵沛华 等 6 (1432)

超高效液相色谱三重四级杆质谱联用法测定地表水中 14 种喹诺酮类抗生素残留
..... 董恒涛 姚劲挺 郝红元 等 6 (1436)

傅里叶变换红外显微成像系统检测近岸海水中丝状微塑料的化学成分 杜 静 宋永刚 王 彬 等 6 (1440)

中国典型城市和地区大气颗粒物中全氟烷基酸的污染分布特征 方祥光 赵 祯 李 军 等 7 (1445)

深圳近海区域降水中重金属湿沉降通量及源解析 蒋冰艳 何 龙 陈德华 等 7 (1460)

基于分子生物学的不同环境因子影响水华藻类生长和产毒的研究进展 周燕平 张旭峰 贾沛莉 等 7 (1474)

青山湖叶绿素 a 分布及其与水质因子的关联特征 赵旭德 许大毛 刘 婷 等 7 (1482)

我国水环境中抗生素赋存、归趋及风险评估研究进展 张国栋 董文平 刘晓晖 等 7 (1491)

新疆库尔勒市平原区地下水有机污染评价 孙 英 周金龙 曾妍妍 等 7 (1501)

土壤-水稻系统中重金属的富集特征及对土壤元素标准限的判定 王 硕 罗 杰 蔡立梅 等 7 (1508)

长期温室菜地土壤重金属累积状况及污染评价 梁 蕾 李 季 杨合法 等 7 (1515)

锰铁氧化物吸附及催化柠檬酸还原六价铬的过程及机理 高卫国 钱林波 韩 璐 等 7 (1525)

湿地沉积物对铊、镉的吸附性能 邵思婷 邓红梅 宋永欣 等 7 (1534)

表面活性剂对土壤中多环芳烃(PAHs)纵向迁移的影响 李看看 吴 娟 马 东 等 7 (1545)

伊犁煤矿土壤重金属累积对土壤酶活性的影响 邓 霞 崔 东 王兴磊 等 7 (1554)

典型城乡交错区土壤中多环芳烃污染及健康风险评价 吴东辉 刘红霞 刘毛林 等 7 (1565)

气相色谱法检测水产养殖底泥中 10 种羟基多氯联苯 王 帅 黄宣运 袁 瑞 等 7 (1575)

整体式 Mn 基复合金属氧化物催化燃烧 VOCs 性能研究 黄海凤 徐琴琪 陈 晓 等 7 (1583)

CuYO/ γ -Al₂O₃ 催化剂催化分解 N₂O 性能 仇杨君 黄思齐 庞子涛 等 7 (1591)

介孔 yolk-shell 型 Co₃O₄@mSiO₂ 纳米反应器降解水中的苯酚 吉芳英 王攀峤 陈晴空 7 (1599)

Mnx/SEP(海泡石)催化剂低温 NH₃-SCR 脱硝性能 吴 琼 张先龙 马 康 等 7 (1609)

多孔温敏四环素分子印迹吸附剂的制备及性能 陈光浩 欧红香 余沛霖 等 7 (1619)

基于纳米凹凸棒@CTS(壳聚糖)的砷离子印迹聚合物吸附特性 邓天天 施 卓 侯宇梦 等 7 (1628)

溶解性有机质作用下金属纳米颗粒的聚集和溶解 刘思谦 刘 洋 赵 婧 等 7 (1638)

电化学氧化垃圾渗滤液生化出水过程中溶解性有机物形态及可生化性 邓 阳 冯传平 胡伟武 等 7 (1647)

零价铁填充柱对水中多环芳烃的吸附性能 马晓龙 高 凡 郭家选 等 7 (1660)

高效液相色谱-电感耦合等离子体质谱联用快速同时分析水中 5 种砷和 7 种硒
..... 陆秋艳 张文婷 林秋莲 等 7 (1671)

- 蛋白粉保健品中激素含量的快速筛查 李 双 李露青 王春芳 等 7 (1675)
- 气相色谱-三重四极杆质谱法测定母乳样品中二噁英类物质的验证 李玉白 吕 冰 张 磊 等 7 (1678)
- *****
- 环境中的新兴污染物研究 孙红文 应光国 8 (I)
- 四溴双酚 A 在近岸海水中的光降解动力学研究 孙国新 王杰琼 周成智 等 8 (1683)
- 典型废物回收园区土壤中邻苯二甲酸酯分布与风险评价 任 超 赵 祯 柳金明 等 8 (1691)
- 上海城市污泥中有机磷酸酯阻燃剂/增塑剂分布的初步研究 徐 亮 胡琼璞 刘 静 等 8 (1699)
- 汉江水相和沉积物中药品和个人护理品 (PPCPs) 的污染水平与生态风险 高 月 李 杰 许 楠 等 8 (1706)
- HPLC-MS/MS 测定 3 类污水处理厂污泥及污水中的 8 种药物 殷哲云 闵露娟 金立涛 等 8 (1720)
- 不同类型外加碳源对制药污泥堆肥过程中青霉素降解的影响 肖祖飞 李 刚 陈欣瑶 等 8 (1728)
- 邯郸市两座污水处理厂中磺胺类和 β -内酰胺类抗生素迁移转化特征 李清雪 刘含雨 刘 娟 等 8 (1738)
- 典型磺胺类抗生素在稻田土中的纵向迁移 汪仙仙 张洪昌 沈根祥 等 8 (1746)
- 珠江口生物中多氯萘、六氯丁二烯和五氯苯酚的含量水平和分布特征 黄玉妹 陈来国 任 璐 等 8 (1755)
- 污水流行病学调查辽宁和吉林两省甲基苯丙胺用量和流行率 刘春叶 王 喆 冯佳铭 等 8 (1763)
- 纳米材料的食品暴露及其毒性研究进展 张 洁 穆 莉 胡献刚 8 (1770)
- 环境持久性自由基的环境化学行为 阮秀秀 杜巍萌 郭凡可 等 8 (1780)
- 基于生长发育毒性终点的国内外部分水体中全氟辛烷磺酸盐生态风险评价
..... 高祥云 李 霖 王晓南 等 8 (1789)
- 水环境中尼泊金酯类防腐剂的赋存及生物降解研究进展 巫 杨 孙 倩 于昌平 等 8 (1796)
- 抗性 DNA 在水土环境中的迁移归趋与水平转移 赵方园 杨新瑶 陈芳敏 等 8 (1804)
- 日本消毒副产物及其前体物的现状及研究进展 李悦宁 贺 凯 王 婷 等 8 (1820)
- 水体微量有机物被动监测技术研究进展 陈梦珂 王传飞 龚 平 等 8 (1831)
- 高效液相色谱串联质谱法测定鱼体内双酚 A 及其替代品 杨丽萍 王 强 祝凌燕 8 (1842)
- 环境水样中全氟磺酸类和全氟羧酸类化合物分析方法研究进展 吴建刚 龙 强 肖 文 等 8 (1851)
- 全氟化合物及其替代品的处理技术 刘 洋 胡筱敏 赵 研 等 8 (1860)
- 使用罐采样-大气预浓缩仪结合 Agilent 5977B 单四极杆气质联用系统分析大气中 104 种挥发性有机物
..... 周志洪 冯 爽 8 (1869)
- 啉虫脒对斑马鱼血浆代谢物的影响 赵丽娟 张 洪 王创云 等 8 (1873)
- GC-FID/MS 中心切割法全在线监测环境空气中 108 种污染物 杨印蹊 范 军 黄涛宏 8 (1876)
- 自动顶空/气相色谱法测定土壤和沉积物中二硫代氨基甲酸酯(盐)类农药
..... 何书海 张鸣珊 李腾崖 等 8 (1880)
- *****
- 大田条件下污泥施用土壤中全氟烷酸化合物的玉米吸收和传输 张宏娜 温 蓓 马义兵 等 9 (1885)
- PM_{2.5} 诱导人支气管上皮细胞线粒体损伤 魏舒婷 姬晓彤 岳慧峰 等 9 (1895)
- 室内 VOCs 对学龄前儿童哮喘、过敏性鼻炎和湿疹的影响 王晓彤 揣玉凤 王丽芳 SUNDELL Jan 9 (1901)
- 珠三角电子垃圾拆解区室内环境中多溴联苯醚的人体暴露 林必桂 陈希超 杜宏伟 等 9 (1910)
- 西安市不同功能区可悬浮灰尘中重金属含量、形态及污染评价 周 潇 卢新卫 蔡 月 等 9 (1921)
- 铝-草酸和铝-麦芽酚手性配合物特性的密度泛函理论研究 刘 丽 张 婧 董绍楠 等 9 (1928)
- 铁、铝催化过氧化氢氧化有机物特征 刘海龙 吉 力 张忠民 9 (1940)
- 紫外-氯联合消毒处理及副产物生成特征研究进展 张馨怡 魏东斌 杜宇国 9 (1950)
- 羟基磷灰石表面特性差异对重金属污染土壤固化修复的影响 刘弘禹 张玉杰 陈宁怡 等 9 (1961)
- 北京市生活垃圾焚烧炉渣重金属特性及其来源分析 芦会杰 张 旭 刘欣艳 9 (1971)
- 城市污水管网中有机与无机氮源对水质转化的影响作用 邢贝米 王 湧 刘鹤蒙 等 9 (1978)

固相萃取-高效液相色谱法同时测定自来水中氯代多环芳烃和多环芳烃..... 王金成 樊 芸 卢宪波 等 9 (1987)

同位素稀释气相色谱-高分辨质谱法测定土壤和沉积物中 20 种多溴联苯 石银俊 周衍霄 朱国华 等 9 (1994)

组合液膜对土壤淋洗液中砷(As)的提取效果 裴 亮 廖晓勇 马 栋 9 (2002)

基于水泥窑协同处理石灰干化污泥工艺研究磷、硫对碳酸钙分解的影响 郑维伟 曹海花 刘 伟 等 9 (2008)

重金属废水吸附处理的研究进展 刘金燕 刘立华 薛建荣 等 9 (2016)

不同电子束能量和剂量辐照降解恩诺沙星有机污染物 梁爱凤 韩 深 梁娜娜 等 9 (2025)

太原市公园土壤中多环芳烃污染特征 程明超 张 璐 何秋生 等 9 (2031)

贵阳市城市河流典型抗生素的分布特征 王娅南 彭 洁 黄合田 等 9 (2039)

基于降雨事件的岩溶地下河多环芳烃浓度、组成变化及生态风险评价 蓝家程 孙玉川 胡 宁 9 (2049)

湘江流域衡阳水口山段水环境健康风险评估 杨海君 许云海 刘亚宾 等 9 (2060)

基于多元统计的宁夏沙湖主要污染物季节性变化原因探究 罗桂林 田林锋 陈月霞 等 9 (2071)

ICP-MS 直接测定酱油中的 26 种元素 赵光升 冯 旭 郭 伟 等 9 (2081)

基于公安部毒驾行业标准 GA1333-2017 的 11 中毒品 LC-MS/MS 检测方法 ... 彭毅侯 戚文杰 唐 侃 等 9 (2084)

GC-MS/MS 法测定马铃薯中多农药残留含量 崔 鹏 马 晶 孙 谦 9 (2087)

使用 APGC Xevo TQ-S 检测食品及环境样品中二噁英 甄云鹏 郝征伟 陈宇东 等 9 (2091)

实验室模拟制备环境持久性自由基及其生物毒性研究 郭 溪 张 瑛 孟甜甜 等 10 (2095)

碳基材料对有机污染物环境行为的影响研究进展 常亚洲 王 朋 李 浩 等 10 (2103)

颗粒物再悬浮装置研制及稳定性测试 申一文 解姣姣 朱洪涛 等 10 (2113)

时间分辨荧光免疫法检测环境中四溴双酚 A 衍生物(TBBPA DHEE) 黄梦璐 张 祯 吴向阳 10 (2124)

磁性高分子材料 Fe₃O₄@P(MMA-AA-DVB)的合成及其对尼泊金酯类新型污染物的富集与痕量
检测 叶夏璐 蒋 琦 汪雨霏 等 10 (2131)

高效液相色谱串联质谱法测定污水污泥中 4 种磺胺类药物及其乙酰化代谢物 ... 王大鹏 张 娴 颜昌宙 10 (2143)

气相色谱-质谱联用法在线观测大气中的三氟化氮(NF₃) 梁 苗 姚 波 陈丽曲 等 10 (2152)

在线固相萃取-液相色谱-四极杆/飞行时间质谱法快速筛查水体中 60 种有机毒物
..... 张蓓蓓 胡冠九 赵永刚 等 10 (2159)

冬季河南省若干城市室内灰尘中重金属的健康风险 沈墨海 王世华 董文静谷 等 10 (2171)

广州市教室室内外 PM_{2.5} 的污染特征 雷杰妮 庄 僖 任明忠 等 10 (2181)

2017 年春节期间北京市城区和郊区大气 PM_{2.5} 及其中多环芳烃的污染特征
..... 董小艳 王 琼 杨一兵 等 10 (2191)

福建省沿海独立岛屿(东山岛)大气颗粒物中多氯联苯的区域背景 矫立萍 劳齐斌 孙 霞 等 10 (2199)

基于分形插值模型的贵州农产品区土壤养分综合评价研究 牛颖超 周忠发 王 历 等 10 (2207)

贵州草海不同土地利用方式表层土壤重金属污染现状评估 赵 斌 朱四喜 李相兴 等 10 (2219)

叶菌唑的光解和土壤降解特性 程冰峰 杨倩文 周自豪 等 10 (2230)

CoFe₂O₄ 增强超声/H₂O₂ 降解环丙沙星 史京转 魏 红 周孝德 等 10 (2237)

紫外光强化铁离子循环活化 PS 氧化苯胺 韩东晖 李 瑛 任秀文 等 10 (2247)

甲氧苄啶在有机酸络合 Fe²⁺ 活化过硫酸钠体系中的降解机制 王慧娟 罗建中 梁子豪 等 10 (2257)

垃圾填埋场中新型污染物的研究进展 丁文川 姚瑜佳 曾晓岚 等 10 (2267)

CdS/CdMoO₄ 空心微球复合材料的化学沉淀法制备及光催化性能 李 坚 石先阳 10 (2283)

分子结构对天然有机质模型化合物在碳纳米管上吸附的影响 王 朋 张 迪 石 林 等 10 (2291)

NF-Bi₂O₃/SBA 可见光催化还原Cr(VI) 刘恩泰 黄思伟 邹紫莹 等 10 (2299)

掺 S 三维石墨烯气凝胶对水中铅离子的电吸附去除 魏 永 赵 威 姚维昊 等 10 (2305)

蛋白核小球藻对厌氧发酵沼液净化及资源化利用 韩 浩 杜青平 刘 倩 等 10 (2315)

基于 ICP-MS 和对照制剂的牛黄清胃丸中石膏的质量评价 聂黎行 查祎凡 陈玉红 等 10 (2322)

- 18 批中药材中黄曲霉毒素的检测分析 蒋孟圆 胡 琳 杨青松 等 10 (2326)
- ICP-MS 微量进样法直接测定海水中微量元素的含量 钟跃汉 王利华 孙友宝 等 10 (2329)
- TGA-FTIR 联用技术快速检测海水中的聚酰胺微塑料 张玉佩 吴东旭 余建平 等 10 (2332)
- *****
- 内蒙古某饮水型砷中毒病区人群体内砷蓄积与砷代谢的年内变化特征 孔 畅 杨林生 李海蓉 等 11 (2335)
- 应用四种体外消化方法比较研究场地土壤中重金属的生物可给性及其人体健康风险
..... 陈廷廷 侯艳伟 蔡 超 等 11 (2342)
- 3,3',4,4',5-五氯联苯通过饲料在罗非鱼体内的转移富集净化规律及膳食暴露评估
..... 石 磊 鲍 彦 张 欣 等 11 (2351)
- 环境中汞微生物转化研究进展 毕 丽 贺纪正 张丽梅 等 11 (2359)
- 不同灌溉方式下土壤化学消毒对毒死蜱降解及酶活性的影响 何 华 张 娇 11 (2368)
- 滨海滩涂土地利用变化对土壤生物可利用磷的影响 潘国浩 刘 洋 付 强 等 11 (2378)
- 贵阳市大气挥发性有机物的初步分析 黄海梅 郭 佳 王章玮 等 11 (2387)
- 北京冬季重污染过程大气细颗粒物化学组成特征及来源分析 李杏茹 白 羽 陈 曦 等 11 (2397)
- 北京市春夏挥发性有机物的污染特征及源解析 李 斌 张 鑫 李 娜 等 11 (2410)
- 单颗粒气溶胶质谱和手工监测分析环境空气颗粒物特征组分的比对 张霖琳 王 超 吕怡兵 等 11 (2419)
- 质子转移反应飞行时间质谱仪 (PTR-ToF-MS) 高时间分辨在线测定广州环境空气还原性硫化物
..... 王钊逸 黄忠辉 张慧娜 等 11 (2425)
- 2017 年春节前后乌鲁木齐市大气颗粒物中多环芳烃的污染特征、来源分析及健康风险评估
..... 麦麦提·斯马义 帕丽达·牙合甫 韩梦鑫 等 11 (2433)
- 新疆独山子石化区域 PM_{2.5} 中水溶性无机离子的形成机制 沈 浩 迪丽努尔·塔力甫 王新明 等 11 (2443)
- 土壤中邻苯二甲酸酯气相色谱保留分异及其构效系 刘 畅 谷成刚 提清清 等 11 (2452)
- 分散液液微萃取-超高效液相色谱-串联质谱法快速测定市售饮用水中 7 种双酚-二环氧甘油醚
..... 刘 蔚 陈芳梅 李 伟 等 11 (2462)
- 北京市售黄油中短链及中链氯化石蜡的污染特征 王润华 何俊萍 高丽荣 等 11 (2473)
- 闽北建溪流域表层沉积物营养元素分布特征及生态风险评价 叶宏萌 袁旭音 李国平 等 11 (2481)
- 基于硫酸根自由基的高级氧化技术及其在环境治理中的应用 谷得明 郭昌胜 冯启言 等 11 (2489)
- VOCs 诱导 TiO₂ 光生载流子的分离 高俊贤 吕金泽 李 激 11 (2509)
- 滇池沉积物生物炭的热稳定性及化学稳定性特征 石 林 陈静文 李 浩 等 11 (2515)
- Pd-Fe/C 催化氯酚还原脱氯-氧化联合降解 武 雯 于嘉文 刘苏静 等 11 (2522)
- 新型颗粒电极 γ -Al₂O₃@ MIL-101 (Fe) 对水中罗丹明 B 的电催化氧化 刘艳青 张立国 刘 蕾 等 11 (2532)
- 贻贝仿生三维石墨烯制备及对亚甲基蓝的吸附 刘怡虹 周廷尧 胡 蓉 等 11 (2540)
- 磁性介孔碳的制备及对水体中染料的吸附去除 张巧利 徐 强 张媛媛 等 11 (2548)
- “光催化铁循环”作用对自组装 TiO₂-FeOOH 复合膜活性的影响 王徐越 孙振亚 谢裕兴 等 11 (2555)
- 氢氧化镧改良沉积物对水中磷的吸附特征 何思琪 周亚义 林建伟 等 11 (2565)
- 电热板消解/电感耦合等离子体质谱法测定甘蔗重金属元素含量 王晓飞 陈 鑫 邓超冰 等 11 (2575)
- 在线固相萃取-超快速液相色谱-质谱联用测定水中超痕量呋喃丹和甲萘威 王奎润 王 玲 11 (2578)
- 固相萃取净化-超高效液相色谱-串联质谱法同时测定大豆中 18 种酰胺类除草剂残留
..... 于徊萍 张盼盼 潘仲乐 等 11 (2581)
- *****
- 剩余污泥强化混凝气浮预处理煤气化废水 李 达 张崇剑 马文成 等 12 (2585)
- 联合改性污泥吸附剂去除废水中铬(VI) 刘 蕾 付临汝 杜 馨 等 12 (2596)
- 以同步辐射 X 射线解析 Sb(III) 及 Sb(V) 在铁氧磁体尖晶石的吸附行为 涂耀仁 蒲雅丽 詹丁山 等 12 (2603)

两种体系去除水体中的砷 王 悦 周孜迈 邓文娜 等 12 (2613)

甘氨酸改性 TiO₂ 材料的合成及其对染料的吸附性能 张 林 冯江涛 王 宁 等 12 (2621)

ZnFe/BC 活化过硫酸盐降解金橙 II 王 艳 杨 硕 张米雪 等 12 (2630)

刚毛藻表流湿地裸藻水华的形成与消退 朱华清 吕锡武 12 (2638)

对叔丁基邻苯二酚对铜绿微囊藻的化感抑制作用 谭凯婷 王志红 黄梓洪 等 12 (2645)

A/SMBBR 处理生活污水效能研究及生物膜菌群结构分析 贾晓硕 谢者行 李卫平 等 12 (2651)

介质阻挡放电强化沸石处理氨氮废水 杨宸伟 武海霞 陈卫刚 等 12 (2659)

一锅法溶液缩聚制备高效阳离子絮凝剂及其絮凝性能 方 润 薛涵与 吴华忠 等 12 (2668)

聚磷氯化铁镁钛混凝剂的制备与表征 张 鹏 王雨露 赵冬琴 等 12 (2677)

P204-熔融石蜡固液萃取废水中铜、钴、镍 万建新 任学昌 蒋煜峰 等 12 (2688)

γ -Fe-Ti-Al₂O₃ 催化臭氧氧化水中布洛芬并阻断溴酸盐生成研究 郝吉帅 张彭义 陈 丽 12 (2694)

大环多胺镍配合物催化过氧化氢降解碱性品红催化性能与机理 熊文瑄 艾 靖 江 山 王等 12 (2701)

紫外-活性炭协同活化过硫酸氢钾对罗丹明 B 的降解 范 星 唐玉朝 姚顺顺 12 (2711)

Cu 修饰成型 13X 分子筛对水中四环素的吸附行为 范素兵 吕俊敏 马玉龙 等 12 (2721)

表面活性剂对二氧化钛纳米颗粒和锌离子复合细菌毒性的影响 李 梅 裴建川 付 勇 等 12 (2730)

温度对海水微絮凝-超滤工艺的影响 赵 瑾 王文华 曹军瑞 等 12 (2740)

济南冬季大气重污染过程颗粒物组分变化特征 刘盈盈 殷宝辉 王 静 等 12 (2749)

北京城区 PM_{2.5} 有机碳和元素碳的污染特征及来源分析 张婷婷 马文林 亓学奎 等 12 (2758)

北京初冬季 PM_{2.5} 中无机元素与二次水溶性离子浓度特征 贾岳清 殷惠民 周 瑞 等 12 (2767)

郴州市大气细颗粒物中水溶性离子的污染特征及来源分析 傅致严 罗达通 刘 湛 等 12 (2774)

协同处置废物水泥窑汞等非常规污染物分析与排放 王相凤 王 凡 王红梅 等 12 (2784)

天津某菜地土壤——蔬菜中硒与重金属含量特征及绿色富硒蔬菜筛选 谢 薇 杨耀栋 侯佳渝 12 (2790)

福建九龙江流域水稻土重金属污染评价及生态风险 王燕云 林承奇 黄华斌 等 12 (2800)

清水河污染物对儿童所致健康风险评估 开晓莉 张维江 邱小琮 等 12 (2809)

超高效液相色谱-新型串联四极杆质谱法测定环境水体与土壤中的全氟辛酸和全氟辛烷磺酸
 杨文龙 郭 靖 杜 伟 等 12 (2820)

采用电雾式检测器测定掺假蜂蜜中的果葡糖浆 李丽红 刘兴国 12 (2824)

应用 QuEChERS 技术与气相色谱-串联质谱法同时检测榛子中 70 种农药残留
 张煜卓 于 湛 王 妍 等 12 (2827)

在线固相萃取-超高效液相色谱法检测水中 15 种多环芳烃类污染物 王建宇 李 丽 王蕴平等 12 (2832)

利用石墨炉在线预富集-原子吸收光谱法直接测定水中超痕量铊 魏 攀 张 楨 12 (2837)

总目次 (I)

ENVIRONMENTAL CHEMISTRY

(2018 ANNUAL INDEX)

Number 1

- Degradation and mineralization efficiency of pyramidon in aqueous solution by ozonation
..... HUANG Zhiyong, XU Danyao, RUAN Wenquan, et al (1)
- Priming effect of dissolved organic matter in aquatic ecosystems: A review
..... CHENG Qiong, ZHUANG Wan'e, YANG Liyang (10)
- Uncertainties in the valuation of the sources of polluted elements in precipitation treated by different methods: A case
study at Lhasa and Nam Co, Tibet HAN Xiaowen, CHEN Pengfei, KANG Shichang, et al (19)
- Application of photonic crystals in the rapid detection of environmental pollutants
..... WANG Caiqin, TANG Shuge, LIU Hui, et al (25)
- Research progress of modified metal-organic frameworks for CO₂ capture
..... GE Hui, MIAO Yuanyuan, ZHAO Yunxia, et al (32)
- Pollution characteristics and evaluation of heavy metals around landfill in different seasons
..... LI Penghui, ZOU Xiaoyan, LOU Jie, et al (41)
- Differences of fingerprint characteristic between fuel oil and product oils LIN Faxiang, ZHENG Li (51)
- Determination of the migration of the 21 phthalate esters in food blenders by GC-MS/MS
..... WANG Zhijuan, LI Haiyu, WANG Wan, et al (60)
- Effects of different fertilizers on Cd bioavailability and enzyme activity in soil ... WANG Xiumei, AN Yi, QIN Li, et al (67)
- Effects of intracellular arsenic and phosphorus content and ratio on the tolerance of arsenate and arsenite in *Chlamydomonas
reinhardtii* ZHENG Yanheng, LI Hao, ZHANG Chunhua, et al (75)
- Degradation kinetics of MC-LR crude extracts by strain CQ5 CHEN Zehui, GAO Zhiwei, DONG Xiaona, et al (82)
- Study on biogas production by anaerobic co-digestion of different forms of water hyacinth and sewage sludge
..... GAO Wen, WU Jiandong, ZHOU Xingqiu, et al (89)
- Preparation of tea waste-nano Fe₃O₄ composite and its removal mechanism of methylene blue from aqueous solution ...
..... YAO Shi, ZHANG Mingshuai, LI Linxuan, et al (96)
- Performance of C-TiO₂/Ti-Cu₂O/Cu photocatalytic fuel cell YANG Kai, XU Yunlan, ZHONG Dengjie (108)
- Characteristics and source apportionment of organic carbon and elemental carbon in PM_{2.5} in Shihezi, Xinjiang, China
..... ZHENG Xiaowu, CHENG Jiadeng, LIU Zilong, et al (115)
- Pollution characteristics of carbonaceous components in PM_{2.5} and PM₁₀ of paved road dust in Shijiazhuang during winter
..... ZHOU Pan, QIN Wei, GUO Shuo, AN Sai, et al (123)
- Distribution of organic and inorganic sulfur compounds in PM_{2.5} aerosols in Wenjiang District, Chengdu
..... ZOU Mingxi, ZHOU Yi, XIE Lingling, et al (130)
- Characteristics of elements and ecological risk assessment of heavy metals in PM₁₀ and PM_{2.5} in Huangshi
..... HU Caijiao, CHENG Hairong, LI Jinlun, et al (138)
- Effects of pH and water content on N₂O emission from greenhouse soil WU Tao, LI Hua, WANG Zhenling, et al (146)
- N₂O emission from the greenhouse soils in Shouguang City, northern China TAO Baoxian, LIU Chenyang (154)
- Hydrochemical characteristics and formation mechanisms of Malian River in Yellow River basin during dry season
..... WANG Yushan, CHENG Xuxue, ZHANG Mengnan, et al (164)
- Correlation analysis between Macroinvertebrates and water quality of Songhua River
..... ZHAO Ran, LI Zhongyu, JIA Liming, et al (173)

Number 2

- Distribution and enrichment of mercury in utility boiler of Huainan coal-fired power plant
..... CHEN Zixiang, WANG Ruwei, SUN Ruoyu, et al (193)
- Toxicology, human exposure and health effects of bisphenol S SONG Shuling, MA Shengming (200)
- Effects of tetracycline in human feces on its aerobic composting process: Enzyme activities and compost maturity
..... SHI Honglei, WANG Xiaochang, LI Qian (209)
- Trihalomethanes and haloacetic acids formation upon chlorination of typical amino acids
..... CHEN Jiao, GAN Guojuan, WU Huan, et al (216)

- Effects of low concentration cadmium on the growth and photosynthetic physiology of *Lonicera japonica* Thunb
 LIU Zhouli, CHEN Wei, HE Xingyuan, et al (223)
- Accumulation and health risk assessment of polycyclic aromatic hydrocarbons in pepper
 CHENG Qiqi, GE Wei, LI Jingsuo, et al (229)
- Compound-specific carbon isotope analysis of amino acids for the sea cucumbers (*Apostichopus japonicus*) from Dalian
 LIU Yu, ZHAO Xinda, ZHANG Xufeng, et al (239)
- Effect of Cu^{2+} on the structure of fulvic acid (FA) and its subsequent trihalomethane formation potential
 LIU Lichao, LI Jing, LI Zheng, et al (249)
- Simultaneous determination of 13 pharmaceuticals and personal care products in water using UPLC-MS/MS
 RAN Yunzhu, QI Weixiao, LI Jing, et al (255)
- A new method for measuring the emission rate of hexabromocyclododecane (HBCD) from polystyrene foam
 SHI Yanan, ZHAN Faqiang, YUAN Heping, et al (264)
- Research progress on the analytical methods and speciation antimony in soils and sediments
 LIU Shuoxun, HUANG Tianshu, YAN Geng, et al (271)
- Vertical distribution and spatial differentiation characteristics of nitrogen isotope in soil profile of Eastern Region of Yunnan
 Province GUO Song, WANG Lifa, MA Haiou, et al (279)
- Distribution and pollution evaluation of carbon, nitrogen and phosphorus in sediments of lake Nanhai in Baotou City ...
 YANG Wenhuan, CUI Ya'nan, LI Weiping, et al (287)
- Concentrations, sources, and health risk of polycyclic aromatic hydrocarbons in soils around chemical plants
 GUO Jin, GE Wei, CHAI Chao, et al (296)
- Change of oil fingerprint parameters of surface sediment in the southern coastal of Jiaozhou Bay
 XUE Xue, MA Qimin, DING Huiping, et al (310)
- Simultaneous removal of arsenic and antimony on high-index $\text{TiO}_2(\text{HTiO}_2)$ NIE Xiao, YAN Li, ZHANG Jianfeng (318)
- Aggregation of magnetic iron oxide nanoparticles under dispersants with different properties
 XU Qijing, GHOSH Saikat, WANG Peng, et al (327)
- Treat of the fracturing fluid from Enhanced Geothermal Systems by using selected anion clays
 YU Zhengyan, GUO Qinghai, CAO Yaowu, et al (335)
- Ultrasensitive detection of BPA in water using an evanescent wave immunosensor
 LI Wei, WU Jun, WANG Haoyu, et al (347)
- Monitoring of a typical photochemical pollution process in Guangzhou Region
 ZOU Yu, WANG Feng, DENG Xuejiao, et al (353)

Number 3

- Adsorption of organic pollutants on (degradable) microplastics and the influences on their bioavailability
 ZHANG Kai, SUN Hongwen (375)
- Research progress on the sources and toxicology of micro (nano) plastics in environment
 YANG Jingjing, XU Li, LU Anxiang, et al (383)
- Influencing factors and prediction model of $\text{PM}_{2.5}$ concentration in Beijing area
 GU Yangyang, SU Guijin, CHAI Tao, et al (397)
- Size distribution of indoor and outdoor particulate matters during haze pollution
 HE Kaiqiang, YUAN Chungang, ZHANG Kegang, et al (410)
- Mercury exchange process between crop foliage and atmosphere by using single mercury isotope
 ZHU Zongqiang, WANG Xun, WANG Heng, et al (419)
- Emission characteristics and correlation between PCDD/Fs and chlorobenzenes in the municipal solid waste incinerators
 LIN Binbin, LI Xiaodong, WANG Tianjiao, et al (428)
- Migration and volatilization of chromium in coal under different combustion temperatures
 LI Liyuan, TANG Quan, ZHENG Liugen, et al (437)
- Neurobehavioral toxicity of zebrafish larvae caused by lead exposure at environmentally relevant concentrations
 ZHANG Qing, ZHANG Bin, ZHAO Jing, et al (445)
- Research advances in pharmaceuticals and personal care products in drinking water system
 WANG Qi, WU Junmei, PENG Jingqian, et al (453)
- Sorption of ofloxacin and norfloxacin on modified biochars using phosphoric acid treatment
 CHU Gang, ZHAO Jing, LIU Yang, et al (462)
- Effect of sulfamethoxazole and trimethoprim on biological nitrogen removal
 YANG Tengfei, ZHANG Xiaohan, HUANG Shuoqi, et al (471)

- Development and applications of passive sampling techniques in aquatic environment; A review
 LEI Pei, SHAN Baoqing, ZHANG Hong (480)
- Simultaneous determination of eight alkylphenols and alkylphenol ethoxylates in water by solid phase extraction and high performance liquid chromatography with fluorescence detection ... GUO Wenjian, WANG Chao, LYU Yibing, et al (497)
- Contamination level and risk assessment of 12 sulfonamides in surface water of Nanjing reach of the Yangtze River ...
 TANG Na, ZHANG Shenghu, CHEN Meihong, et al (505)
- Heavy metal pollution and potential ecological risk assessment in agricultural soils located in the peri-urban area of Kaifeng City WANG Xiaoli, CHEN Zhifan, WEI Zhangdong, et al (513)
- Effects of urea on in-situ remediation of Cd polluted paddy soil and the structure and distribution of soil microbes under different water management HUANG Rong, XU Yingming, HUANG Qingqing, et al (523)
- Effects of organic manure on Pb speciation in soil ZHOU Yujie, ZHAO Wen, LUO Chunyan, et al (534)
- Accumulation characteristics of soil antimony (Sb) by different Indica rice varieties and its health risk assessment in the southern areas of China ZHANG Weili, JAMES Blessing, CHEN Yanhui, et al (544)
- Interactions between *Scenedesmus obliquus* and potassium cyanide
 LIU Qingqing, ZHANG Shanshan, ZOU Hua, et al (552)
- Removal of urban nonpoint source pollutants by the infiltration system packed with fly ash
 YI Qitao, YU Yanxia, LI Hui, et al (559)
- Investigation on the influencing factors of pore structure on rice straw activated carbon with KHCO_3 and its adsorption ability
 HUANG Yuying, LI Kunquan, YAO Wen, et al (569)
- Biodegradation characteristics of vinyl polymer ZHAO Xia, MA Jianzhong, MA Hongrui, et al (576)
- Effects of solid concentration and organic matter in supernatant on the pH buffering capacity of citric acid sludge
 LI Yingying, DONG Liming, LI Mengya, et al (584)
- Accumulation of antimony in a high rate printing and dyeing wastewater recycling process
 JIANG Dandan, WANG Dan, JIN Xin, et al (591)
- Application of QUAL2K model for ecological purification design of treated water
 ZHU Wenting, QIAN Xin, QIAN Wei, et al (600)

Number 4

- Occurrence of antibiotic resistance genes (ARGs) carried by raw vegetables adjacent to the livestock and poultry feedlots in Beijing
 LI Juan, WEI Yuansong, CHEN Qian (625)
- Distribution characteristics of phthalate metabolites in placenta from pregnant women in Tianjin
 LI Xiaoying, SUN Hongwen (636)
- Levels and tissue distribution of typical organohalogen pollutants in common kestrels (*Falco tinnunculus*)
 YU Lehuan, CAI Zihua, YU Xuer, et al (644)
- Adsorption of typical estrogens to paddy soils and influence of kaolin and pig manure DOM
 YUAN Zhejun, ZHANG Hongchang, HU Shuangqing, et al (652)
- Effect of nano- SiO_2 on the toxicity of Hg^{2+} to *Skeletonema costatum* ZHANG Zhechao, HU Ji, LIU Shuxia, et al (661)
- Chemical analysis and genotoxic effects of polar extracts of sediments from Beijing Guanting reservoir
 GONG Wenwen, FU Wenjun, HAN Ping, et al (670)
- Electron transfer capacity of fulvic acid and its factors during municipal solid waste landfill
 XIAO Xiao, HE Xiaosong, XI Beidou, et al (679)
- Evolution of the electron transfer capacity of humic acid during municipal sludge composting process
 TANG Zhurui, XI Beidou, TAN Wenbing, et al (689)
- Inhibition of L-Cysteine on carbon steel evosion in mixed media of Citric acid and sulphamic acid
 LIANG Lihua, ZHENG Xianming, José Alberto Alvarado, et al (698)
- Effects of graphene on the degradation of alkali lignin by laccase-mediator system
 HUANG Liping, MA Hua, PAN Yu, et al (704)
- Landfill leachate treatment by novel electrochemical system; Optimization of experimental conditions by Response Surface Methodology
 LI Hongyu, WANG Ke, XING Xuan, et al (713)
- Reductive degradation of perfluorooctanesulfonate in UV/sulfite system and related influencing factors
 SONG Zhou, HE Haiyang, DONG Xuelin, et al (720)
- Influencing factors of naphthalene enzymatic reaction rate through molecular docking
 LI Xingchun, DU Xianyuan, CHU Zhenhua, et al (731)
- Different responses of toxic substances in microbial fuel cells LIANG Shengna, YANG Qiao, GAO Chao, et al (740)

- Activation of peroxymonosulfate by the Co/Zn bimetallic oxide for the degradation of bisphenol A
 *LIU Meng, HU Limin, ZHANG Guangshan, et al* (753)
- Removal of emerging contaminant diclofenac from water using ferrite nanoparticles
 *CAO Shuangshuang, DUAN Yanping, TU Yaoren, et al* (761)
- Manganese-based molecular sieve catalysts for low-temperature NH_3 -SCR
 *LI Ge, WANG Baodong, MA Jing, ZHOU Jiali, et al* (769)
- SO_2 and H_2O poisoning resistance of manganese oxide-based catalysts for low-temperature selective catalytic reduction of
 NO_x *ZHOU Jiali, WANG Baodong, MA Jing, et al* (782)
- Preparation and photocatalytic properties of $\text{ZnO/g-C}_3\text{N}_4$ composite photocatalysts
 *WAN Jianxin, REN Xuechang, LIU Hongwei, et al* (792)
- Synthesis of graphene oxide nanomaterials and its $\text{Eu}(\text{III})$ adsorption property
 *ZHANG Rong, FU Jing, LUO Tian, et al* (798)
- Synthesis of novel hypercrosslinked resin and their absorption towards salicylic acid and gallic acid
 *XU Chao, LIU Jinxin, SUN Weizhi, et al* (807)
- Adsorption and removal of lead from simulated waste water using polydopamine modified magnetic nanoparticles
 *MA Yurong, ZHOU Luyue* (817)
- Residues and distribution of organochlorine pesticides in soils in Yangtze River Delta region
 *SHAO Bo, LIU Yong, LI Xin, et al* (824)
- Emission of biogenic volatile organic compounds in Sichuan Basin using a dynamic model
 *LU Chengwei, ZHOU Zihang, LIU Hefan, et al* (836)
- Distribution, source and ecological risk assessment of polycyclic aromatic hydrocarbons (PAHs) in surface sediments
 from Moshui River *LIU Shaopeng, LI Xianguo, ZHANG Dahai, et al* (843)
- Soil properties and pollution assessment of heavy metals in a lead-zinc mining area of semiarid grassland in Inner Mongolia
 *GUO Xiangyi, WANG Yongkang, ZHANG Bimin, et al* (851)
- Effects of symbiosis of *Paris polyphylla* var. *yunnanensis* with arbuscular mycorrhizal fungi on absorption of heavy metals
 (Cd, Hg, As, Cu, Pb) *YANG Min, ZHANG Jie, SHEN Yuxiang, et al* (860)
- Pollution characteristics and distribution in gas-particle phase of polychlorinated biphenyls (PCBs) in the West Third
 Ring area in Beijing, China *ZHOU Zhongfan, FENG Sijie, XIE Chunxiao, et al* (871)
- Distribution and chemical stabilization of heavy metals in municipal solid waste incineration fly ash of Chongqing
 *ZHU Jiemin, LI Mengya, ZHENG Decong, et al* (880)
- Aquatic chemistry characteristics of natural water in the Parlung Zangbo River Basin, Tibet
 *ZHANG Qiangying, BU Duo, LYU Xuebin, et al* (889)
- Paper-based electrode chip fabricated with magnetron sputtering for $\text{Cu}(\text{II})$ detection by SWV
 *WANG Xiaoqing, SUN Jizhou, TONG Jianhua, et al* (897)

Number 5

- Spatial-temporal distribution and variation characteristics of $\text{PM}_{2.5}$ in Shanxi
 *LI Hongyan, GAO Xueying, LI Hongyu, et al* (913)
- Mass spectra characteristics and source apportionment of single particle aerosols in Kunming during summer
 *XIANG Feng, LI Jianweng, HAN Xinyu, et al* (924)
- Environmental impact of CO_2 , Rn and Hg degassing from the main faults of northwest area of the Beijing region, China
 *LI Jing, ZHOU Xiaochen, SHI Hongyu, et al* (931)
- Pollution characteristics of heavy metals in road dust and its relationship with road levels: Taking Beijing and Zhengzhou
 as examples *SHEN Mohai, DONG Wenjing, WANG Menglei, et al* (942)
- Pollution characteristics and Source analysis of water-soluble ions in the paved road dust in Shijiazhuang during winter
 *ZHOU Pan, QIN Wei, GUO Shuo, et al* (952)
- Distributions and fluxes of dissolved CH_4 and N_2O in the North Yellow Sea in winter
 *ZANG Kunpeng, HUO Cheng, ZHENG Nan, et al* (959)
- Determination of ^{238}U and ^{40}K in sediment cores in Nansha sea area, and their depth profiles
 *CHEN Junchang, XIA Liangshu, MA Zhuoran, et al* (968)
- A simulation study on the effect of redox change on the Si in the estuarine sediment
 *ZHU Huagang, WANG Chao, HOU Jun, et al* (974)
- Pollution characteristics and assessment of heavy metals in wetland soil in the area of northern Jiangsu Province
 *LUO Ting, DING Ying, SUN Jianxiong, et al* (984)

- Distribution and pollution assessment of heavy metals in soils from Tieguanyin tea garden of Anxi County
 HUANG Huabin, LIN Chengqi, YU Ruilian, et al (994)
- Research progress on persistent organic pollutants in alpine and plateau edge transitional region environment, China
 PAN Jing, GAI Nan (1002)
- Natural degradation of typical beneficiation reagents on the Qinghai-Tibet plateau
 WANG Chunying, LUO Xianpin, ZHU Siping, et al (1013)
- Human exposure pathways of methylsiloxanes: A review of recent studies FENG Di, ZHANG Xirong, QI Donglei (1022)
- Effects of Cd-Ni combined pollution on the growth and absorption of cole in oasis soil
 XU Shenghui, NAN Zhongren, WANG Shengli, et al (1037)
- Polyparameter linear free energy relationships (PP-LFERs) for predicting partition coefficients of organic compounds with
 specific functional groups ZHANG Liangjing, GU Huiyan, BI Erping (1045)
- Kinetics and mechanism of photochemical degradation of diclofenac by UV/H₂O₂ in water
 SHI Hongle, LIU Yiqing, ZHOU Gaofeng, et al (1054)
- Study on mechanism, intermediates and toxicity of ketoprofen degradation by ozone
 LIN Xiaoxuan, KONG Qingqing, ZENG Yongqin, et al (1063)
- Decoloration mechanism of azo dye 4BS by zero valent iron activated sodium persulfate
 TANG Yuchao, YIN Hanxiong, HUANG Jian, et al (1071)
- Electrochemical study on the surface passivation of chalcopyrite by stearic acid and oleic acid
 ZHOU Shulin, SHU Xiaohua, FENG Shun, et al (1079)
- Adsorption of metal ions to graphene oxide in aquatic environment
 YAN Shuaixin, WANG Fang, WANG Zhongliang (1089)
- Effects of dairy manure biochar on the adsorption-desorption of humic acid onto purple soil
 HUANG Huiqun, CAI Wenchang, ZANG Jianyu, et al (1099)
- Preparation and regeneration of V₂O₅-WO₃/TiO₂ catalyst with potassium salt deposition
 DONG Wenhua, HUANG Huacun, ZHOU Hui, et al (1110)
- Adsorption properties of low concentration ammonia nitrogen wastewater by three constructed wetland fillers
 LIU Ying, LIU Xiaohui, ZHANG Yaru, et al (1118)
- Electrochemical degradation of biologically treated landfill leachate
 DENG Yang, FENG Chuanping, HU Weiwu, et al (1128)
- Separation and identification of mixed psychrotrophs and their efficacy on purification of domestic sewage
 LI Cheng, SONG Manli, LI Rongzhen, et al (1141)
- Establishment of an analytical method for the determination of phosphate flame retardants metabolites in urine
 YANG Shanshan, SHAO Ruihua, YAN Xiao, et al (1149)
- Determination of 15 phthalate esters residues in soil by accelerated solvent extraction/gas chromatography-mass spectrometry
 WANG Xinglei, LI Fang, LIU Yunqin, et al (1157)

Number 6

- Influences of temperature, pressure and solvent on the water-exchange reactions of Al(H₂O)₆³⁺ by density functional theory
 ZHANG Jing, DONG Shaonan, HOU Xiaoxia, et al (1179)
- Combined effect of UV light, sulfidation and concentration on the interaction of EPS and silver ions in aquatic environment
 SHEN Yi, CHEN Fangmin, YANG Yuesuo, et al (1186)
- Dietary sources of human exposure to perfluorooctanoic acid, perfluorooctanesulfonate and their isomers
 WANG Yuxin, XIE Dan, LI Jingguang, et al (1197)
- Effects of bisphenol A on the growth, reproductive development and apoptosis in *Caenorhabditis elegans* under different
 exposure routes SHI Jue, YANG Yaning, LI Qingqing, et al (1203)
- Effects of sulfachloropyridazine on the growth, mutation and conjugation of *Escherichia coli*
 SHI Junyi, MA Qingping, YU Yang, et al (1209)
- Dynamic changes of soluble protein contents in the sweet corn under exogenous vanadium stress
 HOU Ming, WANG Xiuli, YANG Xinhan, et al (1217)
- Migration and transformation mechanism of emerging contaminants in the aquatic environments by HRMS coupled with
¹³C-isotope labeling SUN Kai, LI Yaxin, LI Shun Yao, et al (1223)
- Production, properties and environmental application of hydrochar YU Ying, HAN Lanfang, JIANG Xiaoman (1232)
- Sorption mechanism of cinnamic acid to biochars in aqueous solution
 LI Guangpo, LIN Weixin, YANG Meiyu, et al (1245)

- Low temperature H_2O_2 oxidized denitration catalyzed by CeO_2/TiO_2 catalyst
 WANG Qi, LU Qiang, QIU Zhichao, et al (1253)
- Preparation and performance of Cu-SAPO-44 for selective catalytic reduction of NO_x with NH_3
 LI Ruirui, KONG Xiangcheng, WANG Xiao, et al (1264)
- Preparation, characterization and catalytic performance of Fe, Mn, Cu and complex metallic oxides supported on $\gamma-Al_2O_3$
 SU Yangfan, LI Mengjuan, GE Mingqiao (1272)
- Development of 3D graphene material in wastewater treatment CAI Tingwei, DING Ying, XU Lihui (1282)
- Multi-functional natural polymer based water treatment agents YU Wei, HUANG Mu, LI Aimin, et al (1293)
- Hedonic tone of three typical odorants LI Jiayin, LI Weifang, YANG Weihua, et al (1311)
- Effect of aeration rate on nitrogen removal by microbial fuel cells LIU Ruonan, ZHAO Bowei, YUE Xiuping (1317)
- Passivation of simulated lead contaminated farmland soil using humic acid and phosphate
 ZHONG Zhenyu, ZHAO Qingyuan, CHEN Can, et al (1327)
- Three-dimensional fluorescence analysis of the processes and mechanisms of algae-lysing by microorganism
 DONG Xiaona, CHEN Zehui, MAO Linqiang, et al (1337)
- Photodegradation of spiramycin in aqueous solution CHANG Haisha, YAN Yujun, LU Jianjiang, et al (1343)
- Enhanced cadmium and arsenic leaching from sludge by ultrasound assisted by nitric acid
 ZHONG Zhenyu, WANG Xiang, CHEN Can, et al (1351)
- Determination of 37 pesticides and environmental hormones residues in environmental water and drinking water by large
 volume injection-gas chromatography-mass spectrometry WANG Zhengquan, CUI Yunyun, CHEN Li, et al (1362)
- Determination of 16 phthalic acid esters (PAEs) in sediments by molecularly imprinted solid phase extraction coupled
 with gas chromatography-mass spectrometry LIU Qiyong, SHI Hang, GUO Yuanming, et al (1376)
- Occurrence of polycyclic aromatic hydrocarbons in PM_{10} -and gaseous phases of flue gases emitted from Huainan coal-fired
 power plant YUAN Jingjing, DA Chunnian, WANG Ruwei, et al (1382)
- Distribution patterns of total and methyl mercury in sediments along a gradient of salinity, temperature and submerged
 conditions in Liaohe estuary LI Hang, ZHENG Dongmei, LI Huiying, et al (1391)
- Groundwater quality assessment and analysis in Langfang City LIU Chao, ZHANG Xuhu, LI Hui, et al (1399)
- Identifying the source of the groundwater based on the characteristics of environmental isotopes and water chemistry
 CHEN Jianping, PAN Guangyi, WU Li, et al (1410)
- Characteristics and controlling factors of water chemistry in maoping lead-zinc mine area, Northeastern Yunnan, China
 WANG Jian, LUO Zhaohui, CHEN Zhihua, et al (1421)

Number 7

- Concentrations and distribution of perfluoroalkyl acids in the atmospheric particles in typical cities and regions of China
 FANG Xiangguang, ZHAO Zhen, LI Jun, et al (1445)
- Wet deposition flux and sources of heavy metals in precipitation in the coastal area of Shenzhen
 JIANG Bingyan, HE Long, CHEN Dehua, et al (1460)
- A review on factors affecting algal growth and toxin production based on molecular biology
 ZHOU Yanping, ZHANG Xufeng, JIA Peili, et al (1474)
- Spatial distribution of chlorophyll-a and its correlation with water quality indicators in Qingshan Lake
 ZHAO Xude, XU Damao, LIU Ting, et al (1482)
- Occurrence, fate and risk assessment of antibiotics in water environment of China
 ZHANG Guodong, DONG Wenping, LIU Xiaohui, et al (1491)
- Evaluation of groundwater organic pollution in the plain area of Korla City, Xinjiang
 SUN Ying, ZHOU Jinlong, ZENG Yanyan, et al (1501)
- Enrichment characteristics of heavy metals in soil-rice system and determination of the standard range of soil elements
 WANG Shuo, LUO Jie, CAI Limei, et al (1508)
- Soil heavy metal accumulation and risk assessment in a long-term vegetable-growing greenhouse
 LIANG Lei, LI Ji, YANG Hefa, et al (1515)
- Iron manganese minerals catalyzed $Cr(VI)$ reduction by citric acid and its mechanism
 GAO Weiguo, QIAN Linbo, HAN Lu, et al (1525)
- Adsorption of thallium and cadmium by wetland sediments SHAO Siting, DENG Hongmei, SONG Yongxin, et al (1534)
- Effects of surfactant on longitudinal migration of polycyclic aromatic hydrocarbons in soil
 LI Kankan, WU Juan, MA Dong, et al (1545)
- Effects of heavy metal accumulation on soil enzyme activities in Yili coal mines
 DENG Xia, CUI Dong, WANG Xinglei, et al (1554)

Pollution characteristics and health risk assessment of polycyclic aromatic hydrocarbons in soil from a typical peri-urban area WU Donghui, LIU Hongxia, LIU Maolin, et al (1565)

Determination of 10 hydroxylated polychlorinated biphenyls in aquaculture sediment by gas chromatography WANG Shuai, HUANG Xuanyun, YUAN Rui, et al (1575)

Catalytic combustion of VOCs by integral Mn-based mixed metal oxide HUANG Haifeng, XU Qinqi, CHEN Xiao, et al (1583)

Catalytic decomposition of N₂O over CuYO/ γ -Al₂O₃ catalysts QIU Yangjun, HUANG Siqi, PANG Zitao, et al (1591)

Phenol degradation by mesoporous yolk-shell Co₃O₄@ mSiO₂ nanoreactors JI Fangying, WANG Panqiao, CHEN Qingkong (1599)

Mnx/SEP(sepiolite) catalysts for low temperature NH₃-SCR catalytic reduction of NO WU Qiong, ZHANG Xianlong, MA Kang, et al (1609)

Preparation and properties of temperature sensitive porous tetracycline molecularly imprinting adsorbent CHEN Guanghao, OU Hongxiang, YU Peilin, et al (1619)

Adsorption of arsenic imprinted polymer based on nano-attapulgit@CTS DENG Tiantian, SHI Zhuo, HOU Yumeng, et al (1628)

Aggregation and dissolution of metal-based nanoparticles in the presence of dissolved organic matters LIU Siqian, LIU Yang, ZHAO Jing, et al (1638)

DOM composition and biodegradability of biologically treated landfill leachate during electrochemical oxidation degradation DENG Yang, FENG Chuanping, HU Weiwu, et al (1647)

Adsorption of zero-valent iron packed columns to polycyclic aromatic hydrocarbons in water MA Xiaolong, GAO Fan, GUO Jiaxuan, et al (1660)

Number 8

Photodegradation kinetics of tetrabromobisphenol A in coastal water SUN Guoxin, WANG Jieqiong, ZHOU Chengzhi, et al (1683)

Distribution and risk assessment of phthalic acid ester (PAEs) in soil from a multi-waste recycling area REN Chao, ZHAO Zhen, LIU Jinning, et al (1691)

Occurrence and distribution of organophosphate esters flame retardants/plasticizers in the sludge from municipal wastewater treatment plants in Shanghai XU Liang, HU Qiongpu, LIU Jing, et al (1699)

Pollution levels and ecological risks of PPCPs in water and sediment samples of Hanjiang River GAO Yue, LI Jie, XU Nan, et al (1706)

HPLC-MS/MS determination of eight PPCPs in sewage and sludge from three types of sewage treatment plants YIN Zheyun, MIN Lujuan, JIN Litao, et al (1720)

Influence of carbon-rich amendments on penicillin degradation during pharmaceutical sewage sludge composting XIAO Zufei, LI Gang, CHEN Xinyao, et al (1728)

Occurrence and fate of sulfonamide and β -lactam antibiotics in wastewater treatment plants in Handan LI Qingxue, LIU Hanyu, LIU Juan, et al (1738)

Vertical migration of typical sulfonamide antibiotics in paddy soil WANG Xianxian, ZHANG Hongchang, SHEN Genxiang, et al (1746)

Polychlorinated naphthalenes, hexachlorobutadiene and pentachlorophenol in biota of the Pearl River Estuary: Occurrence and congener profiles HUANG Yumei, CHEN Laiguo, REN Lu, et al (1755)

Methamphetamine consumption and prevalence in Liaoning and Jilin Provinces investigated by sewage epidemiology LIU Chunye, WANG Zhe, FENG Jiaming, et al (1763)

Recent progress on the exposure and toxicity of nanoparticles in foods ZHANG Jie, MU Li, HU Xiangang (1770)

Environmental and chemical behaviors of environmental persistent free radicals RUAN Xiuxiu, DU Weimeng, GUO Fanke, et al (1780)

Growth and development toxicity based ecological risk assessment of PFOS in freshwater of domestic and abroad GAO Xiangyun, LI Ji, WANG Xiaonan, et al (1789)

Occurrence and biodegradation of parabens in aquatic environment- a state-of-the-arts review WU Yang, SUN Qian, YU Changping, et al (1796)

Transport, fate and horizontal transfer of antibiotic resistance DNA in soil and water environment ZHAO Fangyuan, YANG Xinyao, CHEN Fangmin, et al (1804)

Trend and progress on disinfection byproducts and their precursors in Japan LI Yuening, HE Kai, WANG Ting, et al (1820)

- Passive sampling techniques for the monitoring of trace organic pollutants in water
 *CHEN Mengke, WANG Chuanfei, GONG Ping, et al* (1831)
- Simultaneous determination of Bisphenol A and its alternatives in fish samples by ultra performance liquid chromatography
 electrospray tandem mass spectrometry *YANG Liping, WANG Qiang, ZHU Lingyan* (1842)
- Analytical methods of perfluorosulfonic acids (PFSAs) and perfluorocarboxylic acids (PFCAs) in environmental water samples
 *WU Jianguang, LONG Qiang, XIAO Wen, et al* (1851)
- Treatment techniques for perfluorinated compounds and their alternatives
 *LIU Yang, HU Xiaomin, ZHAO Yan, et al* (1860)
- Number 9**
- Uptake and translocation of perfluoroalkyl acids in biosolids-amended soils and plants
 *ZHANG Hongna, WEN Bei, MA Yibing, et al* (1885)
- PM_{2.5} induced mitochondrial injury of Human Bronchial Epithelial Cells
 *WEI Shuting, JI Xiaotong, YUE Hui Feng, et al* (1895)
- Association between indoor VOCs and asthma, allergic rhinitis, eczema in preschool children
 *WANG Xiaotong, CHUAI Yufeng, WANG Lifang, et al* (1901)
- Human exposure to PBDEs in indoor environment at an e-waste area in Pearl River Delta
 *LIN Bigui, CHEN Xichao, DU Hongwei, et al* (1910)
- Levels, speciation and pollution assessment of heavy metals in the suspended dusts from different functional areas of
 Xi'an City *ZHOU Xiao, LU Xinwei, CAI Yue, et al* (1921)
- Studies on the properties of aluminium-oxalate and aluminium-maltolate chiral complexes by density functional theory
 *LIU Li, ZHANG Jing, DONG Shaonan, ZHANG Fuping, et al* (1928)
- Characteristics of organic matters during hydrogen peroxide oxidation catalyzed by iron or aluminum
 *LIU Hailong, JI Li, ZHANG Zhongmin* (1940)
- Ultraviolet-chlorine combination disinfection and formation of disinfection by-products: A review
 *ZHANG Xinyi, WEI Dongbin, DU Yuguo* (1950)
- Effect of surface characteristics of hydroxyapatite on the remediation passivation effect of heavy metal contaminated soil
 *LIU Hongyu, ZHANG Yujie, CHEN Ningyi, et al* (1961)
- Composition and source apportionment of heavy metals in bottom ash from a municipal solid waste incinerator in Beijing
 *LU Huijie, ZHANG Xu, LIU Xinyan* (1971)
- The influence of organic and inorganic nitrogen sources on water quality transformation in urban sewer pipe
 *XING Beimi, WANG Yong, LIU Hemeng, et al* (1978)
- Solid-phase extraction combined with HPLC for the determination of chlorinated polycyclic aromatic hydrocarbons and
 polycyclic aromatic hydrocarbons in tap water samples *WANG Jincheng, FAN Yun, LU Xianbo, et al* (1987)
- Determination of 20 polybrominated biphenyls in soil and sediment by isotope dilution gas chromatography-high resolution
 mass spectrometry *SHI Yinjun, ZHOU Yanxiao, ZHU Guohua, et al* (1994)
- Recovery of arsenic from soil leachate by composite liquid membrane *PEI Liang, LIAO Xiaoyong, MA Dong* (2002)
- Effect of phosphorus and sulfur on calcium carbonate Decomposition in Cement Kiln Co-processing lime-dried sludge
 *ZHENG Weiwei, CAO Haihua, LIU Wei, et al* (2008)
- Research progress on treatment of heavy metal wastewater by adsorption
 *LIU Jinyan, LIU Lihua, XUE Jianrong, et al* (2016)
- Irradiation degradation of enrofloxacin with different electron beam energies and irradiation doses
 *LIANG Aifeng, HAN Shen, LIANG Nana, et al* (2025)
- Pollution characteristics of polycyclic aromatic hydrocarbons in park soil in Taiyuan, China
 *CHENG Mingchao, ZHANG Lu, HE Qiusheng, et al* (2031)
- Distribution characteristics of typical antibiotics in Urban Rivers of Guiyang City
 *WANG Ya'nan, PENG Jie, HUANG Hetian, et al* (2039)
- Changes of the concentration and composition of polycyclic aromatic hydrocarbons and their ecological risk assessment
 during the scale of rainfall events in a karst underground river *LAN Jiacheng, SUN Yuchuan, HU Ning* (2049)
- Environmental health risk assessment of Shuikou Mountain Section of Hengyang in Xiangjiang River Basin
 *YANG Haijun, XU Yunhai, LIU Yabin, et al* (2060)
- Statistics based study on the seasonal variation of main pollutants in Shahu Lake, Ningxia
 *LUO Guilin, TIAN Linfeng, CHEN Yuexia, et al* (2071)

Number 10

- Generation and toxicity of environmental persistent free radicals GUO Xi, ZHANG Ying, MENG Tiantian, et al (2095)
- Effects of carbonaceous materials on the environmental behavior of organic pollutants; A review
 CHANG Yazhou, WANG Peng, LI Hao, et al (2103)
- Development and stability test of a particulate matters resuspension device
 SHEN Yiwen, XIE Jiaojiao, ZHU Hongtao, et al (2113)
- A sensitive time-resolved fluoroimmunoassay for the detection of tetrabromobisphenol A bis(2-hydroxyethyl) ether in
 environments HUANG Menglu, ZHANG Zhen, WU Xiangyang (2124)
- Preparation of magnetic polymer Fe₃O₄@P(MMA-AA-DVB) and its enrichment and trace analysis of the emerging
 contaminants-parabens YE Xiajun, JIANG Qi, WANG Yufei, et al (2131)
- Determination of four sulfonamides and their corresponding acetyl metabolites in wastewater and sludge by high performance
 liquid chromatography tandem mass spectrometry WANG Dapeng, ZHANG Xian, YAN Changzhou (2143)
- In-situ* measurement of atmospheric nitrogen trifluoride (NF₃) using GC-MS method
 LIANG Miao, YAO Bo, CHEN Liqu, et al (2152)
- Rapid screening and confirmation of 60 organic contaminants in water by online solid phase extraction and liquid
 chromatography-quadrupole/time-of-flight mass spectrometry
 ZHANG Beibei, HU Guanjiu, ZHAO Yonggang, et al (2159)
- Pollution characteristics and health risks of heavy metals in indoor dust from Henan Province
 SHEN Mohai, WANG Shihua, DONG Wenjing, et al (2171)
- Characteristic of Indoor and Outdoor PM_{2.5} Pollution in Classrooms in Guangzhou
 LEI Jieni, ZHUANG Xi, REN Mingzhong, et al (2181)
- Characterization of ambient PM_{2.5} and PAHs during 2017 Spring Festival in urban and suburb areas of Beijing
 DONG Xiaoyan, WANG Qiong, YANG Yibing, et al (2191)
- Regional background of polychlorinated biphenyls in the isolated island (Dongshan Island) of Fujian Province
 JIAO Liping, LAO Qibin, SUN Xia, et al (2199)
- Comprehensive evaluation of soil nutrients in guizhou agricultural products areas based on the fractal interpolation model
 NIU Yingchao, ZHOU Zhongfa, WANG Li, et al (2207)
- Assessment of heavy metal pollution in the surface soils of different land use patterns in Caohai, Guizhou
 ZHAO Bin, ZHU Sixi, LI Xiangxing, et al (2219)
- Photolysis and soil degradation of metconazole CHENG Bingfeng, YANG Qianwen, ZHOU Zihao, et al (2230)
- Enhanced ultrasonic/H₂O₂ degradation of ciprofloxacin using CoFe₂O₄
 SHI Jingzhuang, WEI Hong, ZHOU Xiaode, et al (2237)
- Enhanced oxidation of aniline by persulfate via cycling of ferrous ions in the presence of UV irradiation
 HAN Donghui, LI Ying, REN Xiuwen, WU Renren, et al (2247)
- Degradation mechanism of trimethoprim by organic acid chelating Fe²⁺-activated sodium peroxydisulfate
 WANG Huixian, LUO Jianzhong, LIANG Zihao, et al (2257)
- Emerging contaminants in municipal landfills: A review DING Wenchuan, YAO Yujia, ZENG Xiaolan, et al (2267)
- Photocatalytic properties of CdS/CdMoO₄ hollow microsphere composites synthesized by chemical precipitation method
 LI Jian, SHI Xianyang (2283)
- Effect of molecular structure on adsorption of natural organic matter surrogates on carbon nanotubes
 WANG Peng, ZHANG Di, SHI Lin, et al (2291)
- Photocatalytic reduction of Cr(VI) by NF-Bi₂O₃/SBA under visible light
 LIU Enqin, HUANG Siwei, ZOU Ziyang, et al (2299)
- Removal of lead ion in water by electrosorption with sulfur-doped three-dimensional graphene aerogel
 WEI Yong, ZHAO Wei, YAO Weihao, et al (2305)
- Advanced treatment process for anaerobic digestion effluent of livestock breeding wastewater with resource recovery by
 microalgae *Chlorella pyrenoidosa* HAN Hao, DU Qingping, LIU Qian, et al (2315)

Number 11

- Annual variations of arsenic accumulation and metabolism in the inhabitants of drinking-water type endemic arsenism area,
 Inner Mongolia KONG Chang, YANG Linsheng, LI Hairong, et al (2335)
- Bioaccessibility and human health risk assessment of heavy metals in soils by using four *in vitro* digestion methods
 CHEN Tingting, HOU Yanwei, CAI Chao, et al (2342)

- The Distribution, Bioaccumulation, Depuration and dietary exposure estimation of 3,3',4,4',5-pentachlorobiphenyl in tilapia *Oreochromis nilotica* through fish feed *SHI Lei, BAO Yan, ZHANG Xin, et al* (2351)
- Microbial transformations of mercury in the environment *BI Li, HE Jizheng, ZHANG Limei, et al* (2359)
- Effects of soil chemical sterilization on the degradation of chlorpyrifos and enzyme activities under different irrigation methods *HE Hua, ZHANG Jiao* (2368)
- Effects of landuse change of coastal tidal flat on the bio-available phosphorus in soils *PAN Guohao, LIU Yang, FU Qiang, GAO Jun, et al* (2378)
- Preliminary analysis of ambient volatile organic compounds in Guiyang, China *HUANG Haimei, GUO Jia, WANG Zhangwei, et al* (2387)
- Chemical composition and source apportionment of PM_{2.5} during winter in Beijing *LI Xingru, BAI Yu, CHEN Xi, et al* (2397)
- Pollution characteristics and source analysis of volatile organic compounds in spring and summer in Beijing *LI Bin, ZHANG Xin, LI Na, et al* (2410)
- Comparative study on the characterization of air particulate matters based on SPAMS and off-line filter analyses *ZHANG Linlin, WANG Chao, LV Yibing, et al* (2419)
- High time resolution online detection of reduced sulfur compounds (RSCs) in ambient air in Guangzhou by proton transfer reaction time-of-flight mass spectrometry (PTR-ToF-MS) *WANG Zhaoyi, HUANG Zhonghui, ZHANG Huina, et al* (2425)
- Characteristics, sources apportionment and toxicity assessment of polycyclic aromatic hydrocarbons in atmospheric particulate matters 2017 Chinese New Year in Urumqi *MAIMAITI · Simayi, PALIDA · Yahefu, HAN Mengxin, et al* (2433)
- Formation mechanism of water-soluble inorganic ions in PM_{2.5} in Dushanzi Petrochemical District, Xinjiang *SHEN Hao, DILINUER Talip, WANG Xinming, et al* (2443)
- Differentiation of gas chromatographic retention and structure-property relationship of phthalate acid esters in soil *LIU Chang, GU Chenggang, TI Qingqing, et al* (2452)
- Rapid determination of seven bisphenol diglycidyl ethers in drinking water samples by dispersive liquid-liquid microextraction-ultra high performance liquid chromatography-tandem mass spectrometry *LIU Wei, CHEN Fangmei, LI Wei, et al* (2462)
- Characterization of short- and medium-chain chlorinated paraffins in butter in Beijing *WANG Runhua, HE Junping, GAO Lirong, et al* (2473)
- Distribution and ecological risk assessment of nutrient elements in surface sediments of Jianxi Watershed in northern Fujian *YE Hongmeng, YUAN Xuyin, LI Guoping, et al* (2481)
- Sulfate radical-based advanced oxidation processes and its application in environmental remediation *GU Deming, GUO Changsheng, FENG Qiyang, et al* (2489)
- Effects of VOCs on the separation of photogenerated charge carriers on anatase TiO₂ *GAO Junxian, LYU Jinze, LI Ji* (2509)
- Thermal and chemical stability of biochars derived from sediment in Dianchi Lake *SHI Lin, CHEN Jingwen, LI Hao, et al* (2515)
- Remediation of chlorophenols by the combination of catalytic reductive dechlorination-oxidation over Pd-Fe/C catalyst *WU Wen, YU Jiawen, LIU Sujing, et al* (2522)
- Electrocatalytic oxidation of Rhodamine B on a novel particle electrode of γ -Al₂O₃@MIL-101(Fe) *LIU Yanqing, ZHANG Liguang, LIU Lei, et al* (2532)
- Synthesis of mussel-inspired three-dimensional graphene materials and their application in methylene blue adsorption *LIU Yihong, ZHOU Tingyao, HU Rong, et al* (2540)
- Preparation of magnetic mesoporous carbon and its application for dyes removal from water *ZHANG Qiaoli, XU Qiang, ZHANG Yuanyuan, et al* (2548)
- “Photocatalysis Iron Cycling” effect on the photocatalytic activity of self-assembled TiO₂-FeOOH nano-films *WANG Xuyue, SUN Zhenya, XIE Yuxing, et al* (2555)
- Adsorption characteristics of phosphate in water on lanthanum hydroxide-amended sediments *HE Siqu, ZHOU Yayi, LIN Jianwei, et al* (2565)
- Number 12**
- Pretreatment of coal gasification wastewater by excess sludge enhanced coagulation-flotation *LI Da, ZHANG Chongjian, MA Wencheng, et al* (2585)
- Removal of Cr(VI) from wastewater by sludge-based adsorbents with combined modification *LIU Lei, FU Linru, DU Xin, et al* (2596)
- Adsorption of antimony onto magnetic nano-ferrite: X-ray absorption spectroscopy study *TU Yaojen, PU Yali, CHAN Tingshan, et al* (2603)

- A study on the removal of arsenic from water by two systems WANG Yue, ZHOU Zimai, DENG Wenna, et al (2613)
- Preparation of glycine functionalized TiO₂ adsorbent and its adsorption performance for organic dyes ZHANG Lin, FENG Jiangtao, WANG Ning, et al (2621)
- Degradation of Orange II by ZnFe/BC catalyzed persulfate WANG Yan, YANG Shuo, ZHANG Mixue, et al (2630)
- Formation and regression of euglena bloom in surface-flow constructed wetlands(SFCW) dominated by *Cladophora* ZHU Huaqing, LYU Xiwu (2638)
- Allelopathic Inhibition of p-tert-butylcatechol(TBC) on *Microcystis aeruginosa* TAN Kaiting, WANG Zhihong, HUANG Ziqi, et al (2645)
- A/SMBBR treatment effectiveness of domestic sewage research and structural analysis of biofilm flora JIA Xiaoshuo, XIE Zhexing, LI Weiping, et al (2651)
- Removal of aqueous ammonia nitrogen with permutite enhanced by dielectric barrier discharge YANG Chenwei, WU Haixia, CHEN Weigang, et al (2659)
- Synthesis of an efficient cationic flocculant by one-pot solution polycondensation and its flocculation performance FANG Run, XUE Hanyu, WU Huazhong, et al (2668)
- Preparation and characterization of polychlorinated ferric magnesium titanium(PFMTC) ZHANG Peng, WANG Yulu, ZHAO Dongqin, et al (2677)
- Solid-liquid extraction of nickel, cobalt and copper waste water using P204 in molten paraffin wax WAN Jianxin, REN Xuechang, JIANG Yufeng, et al (2688)
- Catalytic ozonation of ibuprofen in water and retardation of bromate formation by γ -Fe-Ti-Al₂O₃ BING Jishuai, CHEN Li, ZHANG Pengyi (2694)
- Catalytic performance and mechanism of nickel chloride hexahydrate in basic fuchsin degradation XIONG Wenxuan, AI Jing, JIANG Shan, et al (2701)
- Degradation of Rhodamine B by peroxymonosulfate synergistically activated by UV/activated carbon FAN Xing, TANG Yuchao, YAO Shunshun (2711)
- Adsorption behavior of modified shaped 13X zeolite for removing tetracycline in aqueous solution FAN Subing, LV Junmin, MA Yulong, et al (2721)
- Effect of surfactants on the combined toxicity of TiO₂ nanoparticles and zinc ions LI Mei, PEI Jianchuan, FU Yong, et al (2730)
- Influence of temperature on seawater micro-flocculation-ultrafiltration process ZHAO Jin, WANG Wenhua, CAO Junrui, et al (2740)
- Characteristics of airborne particles compositions during winter heavy pollution days in Ji'nan LIU Yingying, YIN Baohui, WANG Jing, WANG Xinhua, et al (2749)
- Characteristics and sources of organic carbon and element carbon in PM_{2.5} in the urban areas of Beijing ZHANG Tingting, MA Wenlin, QI Xuekui, et al (2758)
- Characteristics of water-soluble inorganic ions and inorganic elements of PM_{2.5} in Beijing JIA Yueqing, YIN Huimin, ZHOU Rui, et al (2767)
- Analysis on characteristics and sources of water-soluble ionic pollution in atmospheric fine particles in Chenzhou City FU Zhiyan, LUO Datong, LIU Zhan, et al (2774)
- Emission characteristics of pollutants from cement kilns with industrial wastes handling WANG Xiangfeng, WANG Fan, WANG Hongmei, et al (2784)
- Characteristics of selenium and heavy metals concentrations in soils and vegetables and screening of green selenium-enriched vegetables in a base of Tianjin XIE Wei, YANG Yaodong, HOU Jiayu (2790)
- Pollution assessment and ecological risk of heavy metals in the paddy soils of Jiulong River basin WANG Yanyun, LIN Chengqi, HUANG Huabin, et al (2800)
- Health risk evaluation of children caused by water pollutants in Qingshui River KAI Xiaoli, ZHANG Weijiang, QIU Xiaocong, et al (2809)
- Determination of perfluorooctanoic acid and perfluorooctanesulfonates in environmental water and soil matrixes using ultra high performance liquid chromatography coupled with state-of-art tandem quadrupole mass spectrometry YANG Wenlong, GUO Jing, DU Wei, et al (2820)
- Determination of fructose-glucose syrup in adulterated honey by HPLC-CAD LI Lihong, LIU Xingguo (2824)
- Simultaneous determination of 70 pesticide residues in hazelnuts by QuEChERS combined with gas chromatography-tandem mass spectrometry ZHANG Yuzhuo, YU Zhan, WANG Yan, et al (2827)
- 15 kinds of polycyclic aromatic hydrocarbons in water were detected by solid phase extraction and ultra-high performance liquid chromatography WANG Jianyu, LI Li, WANG Yunping, et al (2832)
- Direct determination of thallium in water by pre-concentration with the PinAAcle 900H GFAAS WEI Sara, ZHANG Zhen (2837)