



北京建筑大学

城市雨水系统与水环境 教育部重点实验室

2017

论 文 汇 编

北京建筑大学城市雨水系统与水环境教育部重点实验室相关论文

雨水方向

中文篇

城市道路用于大排水系统的规划设计方法与案例.....	1
海绵城市建设配套机制保障措施探讨.....	8
海绵城市建设中生物滞留设施应用的若干问题分析.....	14
基于问题导向的建成区海绵城市建设策略.....	19
济南市海绵城市建设试点区水量水质监测方案.....	25
美国城市建成区雨水系统改造经验分析.....	30
美国雨水径流控制技术导则讨论及其借鉴.....	36
美国雨水排放许可证制度对我国雨水管理启示研究.....	44
宁波市海绵城市实施方案中的若干关键技术问题分析.....	48
透水砖铺装在西长安街人行道翻建工程中的应用.....	54
香港吐露港地区河流水质管理效果研究.....	58
已建小区海绵化改造途径探讨.....	65
源头径流控制设施的运行维护及相关问题探讨.....	73
模拟生物滞留池强化径流雨水中的氮磷去除研究.....	78
湿地植物芦苇根系分泌物的三维荧光光谱表征分析.....	84
一种改进的不确定性水质模型参数率定方法.....	88
雨水系统旋流沉砂池的设计及性能研究.....	95
改良雨水生物滞留系统除污效果及基质中磷的形态分布研究.....	101
生物滞留系统设置内部淹没区对径流污染物去除的影响.....	108
改性基层透水混凝土铺装路面对污染物的去除试验研究.....	114
透水混凝土路面堵塞对径流水质控制影响试验研究.....	119
透水混凝土铺装基层 3 种骨料对典型径流污染物吸附效果比较.....	123
透水铺装改性基层对典型径流污染物动态除污实验研究.....	130
极端降雨条件下透水水泥混凝土路面削流除污试验研究.....	136

基质改良和结构优化强化雨水生物滞留系统除污.....	141
4-氯-2-(1 <i>H</i> -咪唑并[4,5- <i>f</i>][1,10]菲咯啉)苯酚铜(II)配合物的晶体结构及其与 DNA 的相互作用.....	147
GSH 和 CTAB 功能纳米金比色法快速检测 Pb ²⁺ 的研究.....	153
颗粒态铁锰复合氧化物对磷的吸附特征及影响因素.....	157

英文篇

Adsorption characteristics of a novel ceramsite for heavy metal removal from stormwater runoff.....	164
Interactions between copper(II) and DOM in the urban stormwater runoff: modeling and characterizations.....	172
Removal of Heavy Metals from Urban Stormwater Runoff Using Bioretention Media Mix.....	182
The behavior of phosphate adsorption and its reactions on the surfaces of Fe-Mn oxide adsorbent.....	204

污水方向

中文篇

从污水中技术氮回收不具经济性.....	213
腐殖质对污泥厌氧消化的影响及其屏蔽方法.....	219
人工环境下军团菌滋生与控制技术.....	231
国外固体废弃物处理技术及其应用与发展.....	240
农村厕所改造现状及存在问题探讨.....	245
人工湿地处理污水中药品及个人护理品的效能研究进展.....	251
污水处理厂中碳酸钙结垢产生的机理探讨.....	257
污水处理中腐殖质的来源及其演变过程.....	262
污水截留井的设计优化分析.....	273
污水潜能开发取决于适时补贴政策.....	278
污水碳源分离新概念——筛分纤维素.....	286
藻酸盐污水处理合成研究现状与应用前景.....	290
政策驱动欧洲磷回收与再利用.....	296
PCBs 在 SBR 污水处理工艺中的含量分布及去除规律.....	304
多氯联苯在污水处理过程中的分布和变化规律.....	309
生物膜 CANON 反应器性能的优化：从 FBBR 到 MBBR.....	313
生物膜短程硝化系统的恢复及其转化为 CANON 工艺的过程.....	322
A ² /O 工艺用于污水处理厂升级改造的适宜性探讨.....	330
剩余污泥吸附痕量典型药物影响因素.....	337
不同含水率下污泥流变模型的显著性水平分析.....	347
热水解污泥流变特性及其对管道摩阻计算的影响.....	355
高含固污泥在热水解-厌氧消化工艺中的流变特性分析.....	360
SBR 和 A/O 工艺活性污泥的流变特性分析.....	366
黄原胶溶液模拟消化污泥流动性能分析.....	371
猪粪干式厌氧消化系统氨氮变化规律及影响.....	377
猪粪干式厌氧消化系统稳定性及其耐氨氮机制分析.....	383
猪粪流变特性及基于黏度曲线的反应器死区研究.....	388

UiO 系列金属-有机骨架的合成方法与应用.....	394
城市污水中多氯联苯的存在现状及对比分析.....	419
碳纳米管对水中多氯联苯的吸附动力学.....	424

英文篇

A Novel Catalytic Ceramic Membrane Fabricated with CuMn_2O_4 particles for Emerging UV Absorbers Degradation from Aqueous and Membrane Fouling Elimination.....	432
Detecting the Changes of Water Qualities and Fluorescent DOM in a Constructed Rapid Infiltration System.....	473
A full-scale integrated-bioreactor with two zones treating odours from sludge thickening tank and dewatering house performance and microbial characteristics.....	481
Analysing the mechanisms of sludge digestion enhanced by iron.....	489
Simulation and Analysis of Flow Field in Sludge Anaerobic Digestion Reactor based on Computational Fluid Dynamics.....	499
Comparison of Different Pretreatments of Rice Straw Substrate to Improve Biogas Production.....	515
Cu^{2+} release and transfer in various Fe/Cu-based processes during wastewater treatment.....	525
Degradation of p-nitrophenol by $\text{Fe}^0/\text{H}_2\text{O}_2/\text{persulfate}$ system: Optimization, performance and mechanisms.....	534
Enrichment of highly settleable microalgal consortia in mixed cultures for effluent polishing and low-cost biomass production.....	543
Exploring the mechanism and kinetics of Fe-Cu-Ag trimetallic particle for p-nitrophenol reduction.....	555
Highly efficient removal of Pb^{2+} by a polyoxomolybdate-based organic-inorganic hybrid material $\{(4\text{-Hap})_4[\text{Mo}_8\text{O}_{26}]\}$	563
HYDROTHERMAL SYNTHESIS, CRYSTAL STRUCTURE, AND OPTICAL PROPERTIES OF FOUR SUPRAMOLECULAR COORDINATION COMPOUNDS CONSTRUCTED FROM 1,10-PHENANTHROLINE AND POLYCARBOXYLIC ACIDS.....	571
Membrane recovery of alginate in an aqueous solution by the addition of calcium ions: Analyses of resistance reduction and fouling mechanism.....	583
Photocatalytic Membrane Reactors (PMRs) in Water Treatment: Configurations and Influencing Factors.....	593
Removal of p-Nitrophenol in Aqueous Solution by the mixed $\text{Fe}^0/(\text{Passivated } \text{Fe}^0)$ Fixed Bed Filters.....	623
Syntheses and photocatalytic performances of four coordination complexes constructed from 1,10-phenanthroline and polycarboxylic acids.....	633

Three two-dimensional coordination polymers constructed from transition metals and 2,3-Norbornanedicarboxylic acid: hydrothermal synthesis, crystal structures and photocatalytic properties..... 644

Two novel 2D coordination polymers constructed from 5-aminoisophthalic acid and 4,4'-bipyridyl ligands: syntheses, crystal structure, and photocatalytic performance..... 652

Two zigzag chain-like lanthanide(III) coordination polymers based on the rigid 1,3-adamantanedicarboxylic acid ligand: crystal structure, luminescence and magnetic properties..... 661

节水方向

中文篇

《GB 5749—2006 生活饮用水卫生标准》总硬度限值的探讨.....	667
城市供水产销差率与漏损控制研究进展.....	671
城市综合管廊建设可行性分析.....	677
电化学微生物腐蚀的胞外电子转移机制研究进展.....	682
分子生物学技术在水处理中的应用研究进展.....	688
阶梯水价的优化研究.....	692
空调冷凝水作为水资源回收利用研究进展.....	698
中小城市管廊建设现状分析.....	703
重气扩散数值模拟模型分析.....	709
EGCG 消毒过程中氧化聚合作用对色度的影响研究.....	714
H ₂ O ₂ 氧化铜绿微囊藻致嗅物质及灭藻效应研究.....	719
磺胺甲恶唑在垂直流湿地中的去除行为.....	727
两种水处理工艺对再生水管网腐蚀的影响.....	735
吸附剂预沉积超滤膜过滤腐殖酸影响研究.....	740
一种基于层层自组装的新型 EPS 防腐蚀复合涂层.....	744
预涂层吸附—超滤处理再生水有机物效能及膜污染机制.....	751
再生水处理中预沉积吸附剂对缓解膜污染的作用研究.....	755
再生水体系中 Ca ²⁺ 对碳钢腐蚀的影响.....	762

英文篇

Historical Characteristics of Contamination and Risk of Heavy Metals in Weishan Lake, China.....	767
Comparison of sulfamethoxazole and ciprofloxacin degradation by UV/H ₂ O ₂ process.....	775
Study on the organics adsorption capacities of powdered activated carbon and activated coke in reclaimed water.....	782
The removal of typical pollutants in secondary effluent by the combined process of PAC-UF.....	790
Toxicity study of reclaimed water on human embryonic kidney cells.....	800
Modelling and optimization of land use/land cover change in a developing urban catchment.....	809