

常州大学学报 (自然科学版)

第 23 卷 第 1 期 (总第 86 期)

2011 年 3 月

期刊基本参数: CN 32-1822/N * 1989 * q * A4 * 80 * zh * P * ¥6.00 * 1000 * 20 * 2011-03

目 次

材料科学与工程

纳米银/环氧树脂纳米复合材料制备和性能表征 夏艳平, 陶 宇, 梁平辉, 等 (1)

Friedel-Crafts 烷基化反应就地增容 PS/EPDM 合金 焦淑瑞, 徐建平 (5)

化学工程与工艺

己二酸废料乙醇酯化反应动力学研究 马江权, 周 斌, 吴双九, 等 (9)

Jx-300xp DCS 控制系统在的甲醛吸收工序上的应用 高晓新, 魏科年, 周永南 (12)

制药化学工艺

4, 6-二氯-2-甲硫基嘧啶的合成 方永勤, 郭丽婷 (15)

信息与计算技术

一种基于本体服务索引的 Web 服务扩展方法 徐守坤, 薛 浩, 李 宁, 等 (19)

多分辨率下自适应阈值判定的分水岭车辆图像分割算法 刘 强, 薛国新, 薛 培 (23)

面向服务架构下普适设备服务语义的描述 李 宁, 徐守坤, 马正华, 等 (27)

环境科学与工程

接种比例对厨余垃圾和活性污泥联合厌氧发酵的影响 李定龙, 赵宋敏, 戴肖云, 等 (32)

PTA 废水污泥浓缩工艺的改造及试验 王哲明, 蔡晓健, 韦 艳 (36)

混凝-Fenton 法处理垃圾渗滤液 张志军, 覃 静, 刘东飞 (39)

发酵液中透明质酸含量检测方法的优化与比较 王利群, 孙晓慧, 曹利民, 等 (43)

数理科学

单负材料平面微腔结构的共振模研究 陈婷婷, 张辉霞, 杨 烨, 等 (48)

含色散左手材料非对称 5 层平板波导的模式特性 郑泽林, 蒋美萍, 夏 冬, 等 (52)

不连续条件下二阶常微分方程终值问题解的存在性 俞亚娟, 滕兴虎 (56)

一类病毒动力学模型的全局渐近稳定性分析 邹定宇, 王世飞 (59)

应用化学

正十六烷和亚油酸甲酯-正十六烷系统凝固过程的分子动力学模拟 孙 静, 屈 进, 同朋克, 等 (63)

一种测定痕量甲醛的催化光度分析方法 郭 伟, 陈玉婷, 孙贤祥, 等 (67)

顶空气相色谱法测定水相中环氧氯丙烷 李 萍, 赵 文, 金珊珊, 等 (71)

二元合金冷却曲线的分段点及过冷修正 戎红仁, 杨 光, 顾 浩 (74)

Contents

Material Science and Engineering

- Study of the Preparation and Characterization of the Epon Filled with Nanosilver
..... XIA Yan-ping, TAO Yu, LIANG Ping-hui, et al (1)
Study of In-Situ Compatibilization of PS/EPDM Blends Using Friedel-Crafts Alkylation
..... JIAO Shu-rui, XU Jian-ping (5)

Chemical Engineering and Technological Processes

- Kinetics Studies of Esterification of Adipic Acid Wastes and Alcohol
..... MA Jiang-quan, ZHOU Bin, WU Shuang-jiu, et al (9)
Application of Jx-300xp DCS Control System in Formaldehyde Adsorptive Process
..... GAO Xiao-xin, WEI Ke-nian, ZHOU Yong-nan (12)

Pharmaceutic Chemical Processes

- Research on the Synthesis of 4, 6-Dichloro-2-Methylthiopyrimidine
..... FANG Yong-qin, GUO Li-ting (15)

Information and Computation Techniques

- An Approach to Web Service Extension Based on Ontology Indexing of Service
..... XU Shou-kun, XUE Hao, LI Ning, et al (19)
Method of Adaptive Threshold Decision and Watersheds for Multiscale Image Segmentation
..... LIU Qiang, XUE Guo-xin, XUE Pei (23)
Research of Service Semantic Description of the Ubiquitous Device with Service-Oriented Architecture
..... LI Ning, XU Shou-kun, MA Zheng-Hua, et al (27)

Environmental Science and Engineering

- Research on the Effect of Inoculate Proportion on Anaerobic Co-Fermentation of Kitchen Garbage and Activated Sludge LI Ding-long, ZHAO Song-min, DAI Xiao-yun, et al (32)
Reform and Test of PTA Wastewater Sludge Concentration Process
..... WANG Zhe-ming, CAI Xiao-jian, WEI Yan (36)
Treatment of Landfill Leachate by Coagulation-Fenton Process
..... ZHANG Zhi-jun, QIN Jing, LIU Dong-fei (39)
Comparison and Optimization of Two Quatitative Assays of Hyaluronic Acid in Fermentation Broth
..... WANG Li-qun, SUN Xiao-hui, CAO Li-min, et al (43)

Mathematical Logic

- Study of Resonant Modes of a Planar Microcavity Composed of Single-Negative Materials
..... CHEN Ting-ting, ZHANG Hui-xia, YANG Ye, et al (48)
Propagation Properties of a Left-Handed Material Five-Layer Slab Waveguide Containing Dispersion
..... ZHENG Ze-lin, JIANG Mei-ping, XIA Dong, et al (52)
Existence of the Solution to the Terminal Value Problems for Second Order Differential Equations with Discontinuous Condition YU Ya-juan, TENG Xing-hu (56)
Global Properties of Virus Dynamics Models ZOU Ding-yu, WANG Shi-fei (59)

Applied Chemistry

- Molecular Dynamics Simulation in Solidification Process of *n*-Hexadecane and Methyl Linoleate-Hexadecane Systems SUN Jing, QU Jin, YAN Peng-ke, ZHOU Rong-hui, et al (63)
Catalytic Sepctrophotometric Method for Determination of Trace Formaldehyde
..... GUO Wei, CHEN Yu-ting, SUN Xian-xiang, et al (67)
Determination of Epichlorohydrin in Water by Headspace Gas Chromatography
..... LI Ping, ZHAO Wen, JIN Shan-shan, et al (71)
Piecewise Point in Cooling Curve of Binary Alloy and Supercooling Correction
..... RONG Hong-ren, YANG Guang, GU Hao (74)