

目 次

材料科学与工程

- i-PP/PPR 流延膜的取向片晶结构和拉伸成孔性 俞 强,杨兴成,陈 磊,沈 鹏,刘晶如(1)
- 核壳结构 PMMA/CeO₂ 复合磨料对氧化硅片的抛光特性 陈 杨,赵晓兵,李霞章,付 猛,陆晓旺(8)
- 含悬垂双键超支化聚合物的一步法合成 杨宏军,柏 涛,薛小强,黄文艳,蒋必彪(14)
- CH₃NH₃PbI₃ 多晶薄膜的铁电光伏性能研究 吕 伟,房 香,董 旭,吕明航,袁宁一,丁建宁(20)

化学工程与工艺

- 1,3-氧杂螺环化合物的合成 李正义,钱纪生,殷 乐,孙小强(24)
- GO/PDMS 复合膜的绿色合成及渗透汽化分离甲醇/碳酸二甲酯的性能研究
..... 徐 荣,林 鹏,邹 琳,张 琪,钟 璟(29)
- 吡啶甲基天冬氨酸钴的制备、结构及催化研究 张致慧,陈 忱,陈 群,何明阳(35)
- 氧化石墨催化碳酸乙烯酯的酯交换反应 朱星兴,朱家贵,顾耀坤,刘 平,薛 冰,李永昕(41)

环境科学与工程

- 供水管网中氯化消毒副产物健康风险评价 陈梦杰,张凤娥,董良飞,李 源,张建兵(46)
- 微波辅助法合成 S 掺杂 g-C₃N₄ 降解孔雀石绿染料废水 刘成琪,王利平,朱晓峰(50)
- 等温环境下渗透式纤维空气分布系统 CFD 模型探讨 陈孚江,黄丹丹,吴沁雨,陈建芳,陶 丽(55)
- 滤芯褶高对空气过滤器性能影响的模拟研究 袁惠新,刘明爽,吕 浪,付 飞,何金鹏(62)

石油与天然气工程

- 波纹板聚结分离器分离效率影响因素研究 齐玉成,赵会军,邵 悦,慈 智,朱 伟(67)
- 内置短螺旋扭带管内螺旋涡流数值模拟研究* 常 凯,饶永超,王树立,代文杰,戴 源,王 蕾(73)

计算机与信息工程

- 基于结构正则化模型的本体算法 朱林立,闵孝忠,高 炜(79)
- 基于 Jerk 形式的多涡卷混沌电路 俞 清,姜 盼,陆 菱,包伯成(83)
- 功率型 LED 结温电学法测量研究 曹玉春,陈亚飞,周慧慧,唐 波(88)

Contents

Materials Science and Engineering

- Oriented Lamellar Structure of i-PP/PPR Precursor Film and Its Micropore-Forming Performance by Uniaxially Stretching YU Qiang, YANG Xingcheng, CHEN Lei, SHEN Peng, LIU Jingru(1)
- Polishing Performance for Oxidized Silicon Wafer of the Core-Shell Structured PMMA/CeO₂ Composite Abrasives CHEN Yang, ZHAO Xiaobing, LI Xiazhang, FU Meng, LU Xiaowang(8)
- One-Pot Synthesis of Hyperbranched Polymers with Pendant Vinyl Bonds
..... YANG Hongjun, BAI Tao, XUE Xiaoqiang, HUANG Wenyan, JIANG Bibiao(14)
- The Research of the Ferroelectric Photovoltaic Performance of CH₃NH₃PbI₃ Polycrystalline Film ...
..... LYU Wei, FANG Xiang, DONG Xu, LYU Minghang, YUAN Ningyi, DING Jianning(20)

Chemical Engineering and Technology

- Synthesis of 1,3-Oxo-Spirocyclic Compounds
..... LI Zhengyi, QIAN Jisheng, YIN Yue, SUN Xiaoqiang(24)
- Green Synthesis of GO/PDMS Membranes and Pervaporation Performances in the Separation of MeOH/DMC XU Rong, LIN Peng, ZOU Lin, ZHANG Qi, ZHONG Jing(29)
- Synthesis, Structures and Catalytic Activity of Cobalt(II) Complexes Based on Pyridylmethyl Aspartic Acid ZHANG Zhihui, CHEN Chen, CHEN Qun, HE Mingyang(35)
- Transesterification of Ethylene Carbonate Catalyzed by Graphite Oxide
..... ZHU Xingxing, ZHU Jiagui, GU Yaokun, LIU Ping, XUE Bing, LI Yongxin(41)

Environmental Science and Engineering

- Health Risk Assessment of Chlorinated Disinfection By-products in Water Distribution System
..... CHEN Mengjie, ZHANG Feng'e, DONG Liangfei, LI Yuan, ZHANG Jianbing(46)
- A Microwave-Assisted Approach to Synthesize S-doped g-C₃N₄ for the Degradation of Malachite Green Wastewater LIU Chengqi, WANG Liping, ZHU Xiaofeng(50)

Journal of Changzhou University(Natural Science Edition)

Vol. 28 No. 2(Sum No. 107)

Mar. 2016

Modeling of Fabric Air Dispersion System in Penetration Mode in CFD Simulation under Isothermal Condition CHEN Fujiang, HUANG Dandan, WU Qinyu, CHEN Jianfang, TAO Li(55)

Simulation Study on the Effect of the Filter Element on the Performance of the Pleated Air Filter ...
..... YUAN Huixin, LIU Mingshuang, LYU Lang, FU Fei, HE Jinpeng(62)

Oil and Natural Gas Engineering

On the Influencing Factors of Separation Efficiency of Corrugated Plate Coalescing Separator
..... QI Yucheng, ZHAO Huijun, SHAO Yue, CI Zhi, ZHU Wei(67)

Numerical Simulations of Swirling Flows in a Circular Pipe with Short Twisted Tape Inserts
..... CHANG Kai, RAO Yongchao, WANG Shuli, DAI Wenjie, DAI Yuan , WANG Lei(73)

Computer and Information Engineering

Ontology Algorithm Based on Structured Regularization
..... ZHU Linli, MIN Xiaozhong, GAO Wei(79)

Jerk-Type Based Multi-Scroll Chaotic Circuit ... YU Qing, JIANG Pan, LU Ling, BAO Bocheng(83)

The Study of Electrical Measurement Method of High Power LED Junction Temperature
..... CAO Yuchun, CHEN Yafei, ZHOU Huihui, TANG Bo(88)