

中文核心期刊
原《中国科技论文在线》

ISSN 2095-2783
CN 10-1033/N
CODEN ZKLHAF

中国科技论文

ZHONGGUO KEJI LUNWEN

中华人民共和国教育部 主管 教育部科技发展中心 主办

工程技术

Engineering & Technology



CHINA
SCIENCE PAPER

2018.24

2018年12月 第13卷 第24期
Vol.13 No.24/Dec. 2018



中

国

科

技

论

文

第 13 卷
第 24 期
2018
第 13 卷终

目 次

- 以超支化聚合物为关键材料的分离膜制备研究进展 张 林, 马 韬 (2747)
- 白头翁皂苷 B4 对小鼠镇痛作用的实验研究
..... 张 沛, 王彦儿, 许琼明, 刘艳丽 (2754)
- 基于 IDDM-gipps 混合策略的单车道连续元胞自动机模型
..... 张建华, 彭 勇, 程 真, 刘 松 (2760)
- 天津滨海国际机场进场效率量化及分析
..... 赵焱飞, 杨程凯, 马伶俐, 王 辉 (2765)
- 非轴对称垂直荷载下双层弹性理论解及力学分析
..... 张 瑞, 陈松强, 王东升, 冯德成 (2769)
- 考虑动态危险天气的航路通行能力研究 王莉莉, 彭江雪 (2776)
- 基于 XRD 和 SEM 分析微波照射前后玄武岩的变化
..... 戴 俊, 徐水林, 宋四达, 李 涛 (2780)
- 沥青混合料加铺层抗反射裂缝试验新方法优化研究
..... 周水文, 张 蓉, 张晓华, 何平芝, 毛 成 (2784)
- 考虑岩体节理密度影响的高陡边坡稳定性研究 向 娟, 陈占锋, 范文臣 (2790)
- 钢管-焊接空心球节点常幅疲劳性能试验和理论研究
..... 贾 玥, 焦晋峰, 雷宏刚 (2796)
- 基于锁相放大器的微弱信号提取电路设计 韩团军 (2804)
- 一种整体叶轮加工的无干涉刀轨路径算法
..... 于 洋, 陈宝玉, 魏 娟, 桂亮亮, 闫 豪 (2809)
- 预燃室式天然气发动机燃烧及排放性能模拟
..... 吴学舜, 楚云路, 胡明艳, 肖 邦, 曾 健, 韩志强 (2815)
- 面向 HQC-LDPC 码构造的层次化移位算法 苏亚丽, 匡泽杰 (2824)
- 基于 xDAWN 和降噪自编码器的声事件相关电位分类 曹 帅, 吴 畏 (2829)
- Fourier 谱方法求解二维波动方程及动态仿真多列波的干涉现象
..... 陈文兴, 田小娟, 王磊磊, 薛鹏翔 (2834)
- 加权光滑折返插值法 贺 颖, 常锦才 (2844)

CHINA SCIENCE PAPER

Vol. 13 No. 24, 2018

CONTENTS

- Progress of membrane preparation using hyperbranched polymers as key materials
..... ZHANG Lin, MA Tao (2747)
- Experimental study of analgesic effect of Anemoside B4 for mice
..... ZHANG Pei, WANG Yaner, XU Qiongmeng, LIU Yanli (2754)
- Research on continuous cellular automata traffic model based on IDDM-gipps hybrid strategy
..... ZHANG Jianhua, PENG Yong, CHENG Zhen, LIU Song (2760)
- Quantization and evaluation of approach efficiency of Tianjin Binhai international airport
..... ZHAO Yifei, YANG Chengkai, MA Lingling, WANG Hui (2765)
- Theoretical elastic solution and mechanical analysis for the continuous two-layer system under asymmetrical loading
..... ZHANG Rui, CHEN Songqiang, WANG Dongsheng, FENG Decheng (2769)
- Study on route capacity under dynamic dangerous weather conditions
..... WANG Lili, PENG Jiangxue (2776)
- Changes in basalt before and after microwave irradiation based on XRD and SEM
..... DAI Jun, XU Shuilin, SONG Sida, LI Tao (2780)
- A new method for evaluation of anti-cracking performance of asphalt mixture overlay
..... ZHOU Shuiwen, ZHANG Rong, ZHANG Xiaohua, HE Pingzhi, MAO Cheng (2784)
- Stability evaluation of high-steep slope under the effects of joints density variation in rock mass
..... XIANG Juan, CHEN Zhanfeng, FAN Wenchen (2790)
- Experimental and theoretical study on the steel pipe-welded hollow spherical joints under constant amplitude fatigue
..... JIA Yue, JIAO Jinfeng, LEI Honggang (2796)
- Design of weak signal extraction circuit based on lock-in amplifier HAN Tuanjun (2804)
- An interference-free tool path algorithm for integral impeller machining
..... YU Yang, CHEN Baoyu, WEI Juan, GUI Liangliang, YAN Hao (2809)
- Simulation of pre-combustion chamber natural gas engine combustion and emission performance
..... WU Xueshun, CHU Yunlu, HU Mingyan, XIAO Bang, ZENG Jian, HAN Zhiqiang (2815)
- A hierarchical shift algorithm to construct HQC-LDPC codes SU Yali, KUANG Zejie (2824)
- Classifying the event-related potentials using xDAWN and denoising auto-encoder
..... CAO Shuai, WU Wei (2829)
- Fourier spectral method to solve 2D wave equation and dynamic simulation the phenomenon of multi-wave interference
..... CHEN Wenxing, TIAN Xiaojuan, WANG Leilei (2834)
- Weighted smooth interpolation with back turn transform HE Ying, CHANG Jincui (2844)