

南京师范大学学报

工程技术版

2021 年 12 月 第 21 卷第 4 期(总第 84 期)

目 录

动力工程及工程热物理

热虹吸管换热器应用于除湿系统的节能性分析

..... 王佳敏,夏学鹰,李 栋,赵孝保,苏晓翔(1)

电气工程

特快速暂态过电压信号下的屏蔽线端口串扰电压分析

..... 刘寒春,周建明,刘守城,赵 阳(8)

基于散射参数与差分进化算法的 EMI 噪声源阻抗提取方法

..... 马 浩,裴亚康,赵 阳,张 成,孙逸群,周孟夏(13)

计算机科学与技术

基于深度学习的中文零代词识别 王立凯,曲维光,魏庭新,周俊生,顾彦慧,李 斌(19)

基于改进 YOLOv3 的运动目标分类检测算法研究 梁秦嘉,刘 怀,陆 飞(27)

公路交通舆情监测及系统开发 汤丽华,吴星宇,徐华健,朱燕翔,刁业敏,吴建盛(33)

测绘科学与技术

基于 AHP-熵权法的海洋划界方案评估系统设计与实现

..... 徐 敏,王 静,赖正清,杜 雯,王 露(40)

环境科学与工程

基于面向对象随机森林方法的滨海湿地植被分类研究 宗 影,李玉凤,刘红玉(47)

食品科学与工程

生物与化学转化黄芩苷为黄芩素的研究

..... 刘 超,江慧玲,王鸿飞,巴塔拿,奥斯曼·科拉,罗海波,陈育如(56)

城乡规划学

21 世纪初中国农村居民国内旅游流要素-结构耦合关系及时空演化分析

..... 贺一雄,郝丽莎,靳 诚(61)

生物工程

USP13 上调 STAT1 抑制前列腺癌细胞增殖、克隆和迁移 张 驰,卢 山(72)

粟酒裂殖酵母 Atp25 蛋白定位和功能研究 张 云,黄 鹰(80)

粟酒裂殖酵母中 Hsp60 蛋白定位与表达水平的研究 王子璇,商巾杰(87)

《南京师范大学学报(工程技术版)》第 21 卷(2021)总目次 (I)

【期刊基本参数】CN32-1684/T * 2001 * q * A4 * 92 * zh * P * ¥6.00 * 900 * 13 * 2021-12

主 编:胡敏强; 执行主编:莫祥银; 执行编辑:陈 庆; 英文编辑:司联合

第 21 卷终

JOURNAL OF NANJING NORMAL UNIVERSITY

(ENGINEERING AND TECHNOLOGY EDITION)

Vol. 21 No. 4

Dec, 2021

CONTENTS

Power Engineering and Engineering Thermophysics

Energy-saving Analysis of Thermosiphon Heat Exchanger Used in Dehumidification System

..... Wang Jiamin, Xia Xueying, Li Dong, Zhao Xiaobao, Su Xiaoxiang (1)

Electrical Engineering

Transient Analysis of Shielded Cable Crosstalk Under VFTO Signal Liu Hanchun, Zhou Jianming, Liu Shoucheng, Zhao Yang (8)

EMI Noise Source Impedance Extraction Method Based on SP-DE Algorithm

..... Ma Hao, Pei Yakang, Zhao Yang, Zhang Cheng, Sun Yiqun, Zhou Mengxia (13)

Computer Science and Technology

Identification of Chinese Zero Pronouns Based on Deep Learning

..... Wang Likai, Qu Weiguang, Wei Tingxin, Zhou Junsheng, Gu Yanhui, Li Bin (19)

Moving Target Classification and Detection Algorithm Based on Improved YOLOv3 Liang Qinjia, Liu Huai, Lu Fei (27)

Monitor and System Development of Road Transportation Public Opinion

..... Tang Lihua, Wu Xingyu, Xu Huajian, Zhu Yanxiang, Diao Yemin, Wu Jiansheng (33)

Geomatics Science and Technology

Design and Implementation of Marine Delimitation Plan Evaluation System Based on AHP-entropy Method

..... Xu Min, Wang Jing, Lai Zhengqing, Du Wen, Wang Lu (40)

Environmental Science and Engineering

A Study of Coastal Wetland Vegetation Classification Based on Object-oriented Random Forest Method Zong Ying, Li Yufeng, Liu Hongyu (47)

Food Science and Engineering

Study on Biological and Chemical Transformation of Baicalin into Baicalein

..... Liu Chao, Jiang Huiling, Wang Hongfei, Mohamed Hawali Bata Gouda, Osman Kola, Luo Haibo, Chen Yuru (56)

Urban Planning

Analysis on the Spatio-temporal Evolution of the Factors-Structure Coupling Relationship for Chinese Domestic Tourism Flow of Rural Residents

in the Early 21st Century He Yixiong, Hao Lisha, Jin Cheng (61)

Biological Engineering

USP13 Inhibits Proliferation, Cloning, and Migration of Prostate Cancer Cells by Upregulating STAT1 Zhang Chi, Lu Shan (72)

Study on the Localization and Function of Atp25 Protein in *Schizosaccharomyces Pombe* Zhang Yun, Huang Ying (80)

Localization and Expression of Hsp60 Protein in *Schizosaccharomyces pombe* Wang Zixuan, Shang Jinjie (87)

Total Catalogue of Journal of Nanjing Normal University(Engineering and Technology Edition) in 2021 (I)

Editor-in-Chief: HU Minqiang; **Executive Editor-in-Chief:** MO Xiangyin; **Executive Editor:** CHEN Qing;

Translation Editor: SI Lianhe

The End of Volume 21