

目次

包装技术与工程

- 牛至精油涂膜瓦楞纸板的制备及抑菌活性研究
..... 王建清,赵亚珠,金政伟等(1)
- 聚合物对稻草纤维材料性能的影响研究
..... 张钦发,陈利科,许霞等(4)
- 蜂窝纸板静态缓冲性能的影响因素分析
..... 张丽,武华,王保升(7)
- 超高压杀菌处理对包装材料稳定性的影响
..... 唐亚丽,赵伟,卢立新等(10)
- 一种新型疏水防潮包装纸板及其性能的研究
..... 夏新干,董最红,张新昌(13)
- 气调保鲜包装对双孢菇贮藏效果的影响
..... 杜传来,郁志芳,韩玲玲(17)
- 包装材料的光阻隔性对奶粉中维生素C降解影响的研究
..... 赵春燕,卢立新(22)
- 胶印导电高分子油墨的性能研究
..... 张玉春,李飞(25)
- 凹版印刷烘箱干燥过程分析与节能优化设计
..... 白文华,黄清明,包能胜等(28)
- 全自动装箱机抓瓶机构的优化设计
..... 王妮,赵美宁,孙莎莎(32)
- 斜线型异型折叠纸盒的角度参数分析
..... 韩炬,曹利杰,刘寅(35)

技术专论

- 谷朊粉添加量对交联羧甲基玉米淀粉基包装膜特性的影响
..... 周睿,曹龙奎,孟令伟等(38)
- 网印用可食性油墨的研制及其性能研究
..... 范小平,张钦发,向红等(43)
- 酸性浸泡液种类对釉中彩陶瓷盘有害物质溶出量的影响研究
..... 张丽,董占华,唐亚丽等(47)
- 包装箱用环保真空绝热板的结构
..... 王岭松,王东爱,康恺(50)
- 卷烟小盒透明纸包装密封性研究
..... 文鹏,白晓红,黎洪利等(53)

刊名题字 **邱纯甫**

主管单位 中国兵器装备集团公司
主办单位 中国兵器工业第五九研究所
社 长 吴护林
主 编
副 社 长 张伦武 李文涛(常务)
执行主编 李文涛

编辑部地址:重庆市九龙坡区渝州路33号
电话:(023)68792836
传真:(023)68793154 邮编:400039
网址:www.packjour.com
电子邮箱:hzgc59@126.com

出版单位:重庆五九期刊社
印刷单位:重庆蜀之星包装彩印有限公司
本期责编:梁爱锋 黄 璠
封面设计:黄丽燕
排版:周洪渝
发展企划部:钟克群 李 颖 李 伏 冯利军
电话/传真:(023)68792283
E-mail:wjqk59@126.com
温州联络处:蓝希灵
手机:13868411698
北京联络处:高鹏
电话:(010)88431819
成都联络处:何柏松
手机:13981864968
烟台联络处:姜竹茂
手机:13355458990

ISSN 1001-3563 国内外公开发行
CN 50-1094/TB

广告经营许可证:渝工商广字 040297 号
国外发行:中国国际图书贸易公司
国内发行:重庆市报刊发行局
邮发代号:78-30 国外发行代号:BM1799
定 价:15.00元

组合式摩托车铁框架包装箱的研究与设计	李存霞(56)
光伏电池包装箱结构与托盘强度分析	姚永根,陈满儒(60)
贮运发射箱缓冲防护包装设计概述	邱莎莎,陈愚,罗俊杰(64)
基于布局的制袋机裁切机构参数化设计	霍银磊,吴艳叶,刘刚田(66)
QDFM-125 型超声波软管封尾机变幅杆的模态分析	成全,刘猛,祝锡晶(69)
Pro/Engineer 在刚性塑料包装容器设计中的应用	王峥,史智斌(73)
利用 PPF 文件实现油墨预置技术的研究	张逸民,张跃明,张乃龙(77)
印刷机墨斗辊上油墨流场的数值仿真	陈振欢,初红艳,蔡力钢(82)
热敏 CTP 激光光纤密排设计	邢洁芳,范静,张杰等(85)
PS 版晒版曝光量的控制	余节约,田培娟(89)
基于专色库循环校正的数码打样色彩控制方法	王志豪(92)
铜版纸性能参数与静电照相数码印刷色彩再现的实验研究	智川,周晓博(96)
莫尔效应在防伪印刷中的应用研究	石潇文,赵秀萍(99)
基于动态交通信息的物流运输优化路径算法	杨莉(102)

研究进展

时间温度指示器在低温流通食品包装上的研究现状及其应用	郑伟洲,卢立新(105)
----------------------------	--------------

论坛与资讯

具有组合印刷的烟酒包装企业工艺设计	马先锋,刘坤宏,钱俊等(110)
弹药包装性能需求论证的总体思路	武洪文,高欣宝,傅孝忠(113)
基于 RFID/EPC 技术的物联网 MIS 构建	焦亚冰(116)

全国中文核心期刊
 中国科学引文数据库(CSCD)来源期刊
 中国学术期刊综合评价数据库来源期刊
 中国核心期刊(遴选)数据库收录期刊
 《中国期刊网》全文数据库收录期刊
 万方数据——数字化期刊群全文上网期刊
 《中国学术期刊(光盘版)》入编期刊
 中文科技期刊数据库入编期刊
 中国科技期刊精品数据库收录期刊
 美国《剑桥科学文摘》(CSA:MI)收录期刊

PACKAGING ENGINEERING

(Initial Issue 1980) (Semimonthly) Vol. 31 No. 23(Total No. 197) Dec. 10, 2010

Contents

Packaging Technology and Engineering

- Preparation of Corrugated Board Coated with Oregano Oil and Study on Its Antimicrobial Activity
WANG Jian-qing, ZHAO Ya-zhu, JIN Zheng-wei, et al. (1)
- Effect of Polymers on Properties of Material Prepared from Straw Fiber ZHANG Qin-fa, CHEN Li-ke, XU Xia, et al. (4)
- Analysis of the Influencing Factors on Static Cushioning Performance of Honeycomb Type Board
ZHANG Li, WU Hua, WANG Bao-sheng (7)
- Effect of Sterilization Processing under Ultra High Pressure on the Stability of Packaging Materials
TANG Ya-li, ZHAO Wei, LU Li-xin, et al. (10)
- Study on a New Type of Hydrophobic and Moisture Proof Packaging Board and Its Performance
XIA Xin-gan, DONG Zui-hong, ZHANG Xin-chang (13)
- Effect of Fresh-keeping Modified Atmosphere Packaging on Storage Effect of Agaricus Bisporus
DU Chuan-lai, YU Zhi-fang, HAN Ling-ling (17)
- Effect of Light-barrier Property of Packaging Material on the Degradation of Vitamin C in Infant Formula
ZHAO Chun-yan, LU Li-xin (22)
- Study on Performance of Offset Conductive Polymer Ink
ZHANG Yu-chun, LI Fei (25)
- Analysis of Drying Process and Energy-saving Optimization Design of Gravure Oven
BAI Wen-hua, HUANG Qing-ming, BAO Neng-sheng, et al. (28)
- Optimization Design of Bottle Gripping Device of Full Automatic Case Packer ... WANG Ni, ZHAO Mei-ning, SUN Sha-sha (32)
- Analysis of Angle Parameter of Diagonal Irregular Foldable Carton
HAN Ju, CAO Li-jie, LIU Yin (35)

Technical Issue

- Effect of Added Amount of Wheat Gluten on Properties of Packaging Film of Cross-linked Carboxymethyl Corn Starch
ZHOU Rui, CAO Long-kui, MENG Ling-wei, et al. (38)
- Development and Performance Research of Edible Ink for Screen Printing
FAN Xiao-ping, ZHANG Qin-fa, XIANG Hong, et al. (43)
- Effect of Acidic Leachates on Release of Hazardous Substances from In-glaze Colored Pottery Ceramic Disc
ZHANG Li, DONG Zhan-hua, TANG Ya-li, et al. (47)

广告索引:

- 《包装工程》杂志 (封二)
中国兵器工业第五九研究所包装工程技术研究中心 (封三)
国防科技工业自然环境试验研究中心(封底)

插页

- A1 济南兰光机电技术有限公司
A2 第十八届中国国际包装工业展览会

黑白插页

- B1 《精密成形工程》杂志
B2 2011 中国国际包装/饮料展
B2 广州市华太祥科学仪器经营部
B3 济南德瑞克仪器有限公司

Structure of Environment-friendly Vacuum Insulation Board for Packing Case	WANG Ling-song ,WANG Dong-ai ,KANG Kai(50)
Study on Leak Tightness of Transparent Paper Packaging for Packet of Cigarettes WEN Peng ,BAI Xiao-hong ,LI Hong-li ,et al. (53)
Research and Design of Combined Packing Case of Iron Frame for Motorcycle	LI Cun-xia(56)
Structural Design of Packing Case for Solar Cells and Strength Analysis of Pallet	YAO Yong-gen ,CHEN Man-ru(60)
Overview of Design of Cushioning Protection Packaging for Storage and Transport Launch Tank QIU Sha-sha ,CHEN Yu ,LUO Jun-jie(64)
Parametric Design of Cutting Mechanism of Pouch Machine Based on Layout	HUO Yin-lei ,WU Yan-ye ,LIU Gang-tian(66)
Modal Analysis of Amplitude Transformer of QDFM-125 Ultrasonic Tube Sealing Machine CHENG Quan ,LIU Meng ,ZHU Xi-jing(69)
Application of Pro/Engineer in Design of Rigid Plastic Package Container	WANG Zheng ,SHI Zhi-bin(73)
Research on Technique of Realizing Ink Key Presetting by Utilizing PPF File ZHANG Yi-min ,ZHANG Yue-ming ,ZHANG Nai-long(77)
Numerical Simulation of Ink Flow Field on Printing Ink Fountain Roller	CHEN Zhen-huan ,CHU Hong-yan ,CAI Li-gang(82)
Design of Laser Dense Fiber of Heat-sensitive CTP XING Jie-fang ,FAN Jing ,ZHANG Jie ,et al. (85)
Control of Exposure Value for PS Plate Printing Down YU Jie-yue ,TIAN Pei-juan(89)
Method for Color Control of Digital Proof Based on Circular Correcting of Spot Color Library	WANG Zhi-hao(92)
Experimental Study on the Influence of Coated Paper Performance Parameter to Color Rendering of Electrophotographic Digital Printing	ZHI Chuan ,ZHOU Xiao-bo(96)
Research on Application of Moire Effect in Security Printing SHI Xiao-wen ,ZHAO Xiu-ping(99)
An Optimistic Path Algorithm for Logistics Transportation Based on Dynamic Traffic Information	YANG Li(102)

Research Progress

Development and Application of Time-temperature Indicators for Package of Food in Low Temperature Distribution ZHENG Wei-zhou ,LU Li-xin(105)
--	--------------------------------------

Forum and Information

Technological Design for Wine and Tobacco Packaging Firm with Combination Printing MA Xian-duo ,LIU Kun-hong ,QIAN Jun ,et al. (110)
General Thought for the Demonstration of Performance Requirements to Ammunition Package WU Hong-wen ,GAO Xin-bao ,FU Xiao-zhong(113)
Building MIS for Internet of Things Based on RFID/EPC Technologies	JIAO Ya-bing(116)

Chief Editor: WU Hu-lin

Executive Chief Editor: LI Wen-tao

THIS PUBLICATION IS

Approved by the General Administration of Press and Publication of the P. R. China (CN 50-1094/TB, ISSN 1001-3563).

Sponsored by No. 59 Institute of China Ordnance.

Published by the Magazine House of No. 59 Institute of China Ordnance.

Edited by the Editorial Office for

PACKAGING ENGINEERING

P. O. Box 2331, Chongqing,

P. R. China

Postcode: 400039

Tel: 86-23-68792836

Fax: 86-23-68793154

E-mail: bzgc59@126.com

<http://www.packjour.com>

Advertising Licence No. 040297

Post Issue No. 78-30

International Issue No. BM 1799