

中国机械工程学会 合肥通用机械研究院有限公司主办
中国机械工程学会包装与食品工程分会会刊
中文核心期刊 · 中国科技核心期刊



国机集团
SINOMACH
ISSN 1005-1295
CN 34-1120/TS

包装与食品机械

PACKAGING AND FOOD MACHINERY

小麦粉螺旋输送荷电特性数值分析

王 依,李永祥,徐雪萌



ISSN 1005-1295



9 771005 129225

“中国邮政”微信订阅



第5期
2022年10月 第40卷

目 次

试验研究

- 外源苯并噻唑重氮对三季梨果实衰老及贮藏品质的影响 季潇男,李灿婴,李 雪,曲淋鸿,葛永红(1)
棕榈油熔点对其凝胶油脂理化性质的影响研究 周佩文,陈海英,牛跃庭,金光远(8)
响应面优化超声波法提取火龙果皮果胶的工艺研究 李 靓,朱涵彬,李长滨,于渝梦,潘春梅(13)
发酵黑洋葱皂苷的提取及降血糖活性研究 王丽媛,周 宁,宁月宝(20)
预包装冻干鸡汁茼蒿食品货架期预测模型研究 吴慧媛,臧 鹏,杜秉健,董海胜,徐 楠,赵 伟(25)
保健型青稞鲜榨米开发 李 卢,李喜宏(31)
真空冷却对酱排骨风味的影响 曹伟峰,向情儒,张悦妍,冯 涛(37)
离子液体 [Bmim] Cl 工艺竹纤维素包装膜制备
..... 彭建祥,朱小尧,孙世东,张雯舒,陈丽娟,姜紫轩,朱和平(44)

设计计算

- 小麦粉螺旋输送荷电特性数值分析 王 依,李永祥,徐雪萌(51)
智能分餐机的设计 马新玲,张子轩,孙矢初,洪昌琪,郦滢澄(57)
滚筒加料机内物料流动特性及正交试验研究 李 俏(64)
轻便型枣夹花生机的设计与试验 郜海超,韩海敏,陈会涛(71)
基于 EDEM-Fluent 耦合的米糠碎米分离装置的试验研究
..... 雷 港,余南辉,范吉军,蒋左霖,王立宗,陈为真,张永林(76)
猴魁茶叶捏尖装置的设计与研究 孙 旋,陆佳平,米 福,方继凡(84)
一种菌棒仿生自动套袋装置的研制 黄双成,郜海超,刘士林,张 军,薄云飞(90)
包装机高速堆垛单元改进设计 戴文明(94)
机械链式多工位气动开盖挖肉装置的设计与试验 谭伟超,姚 屏(101)
M 型袋口折边复原机构设计与运动学分析 陶 闹,陆佳平,王婧月(107)

CONTENTS

- Effects of Exogenous application of acibenzolar-S-methyl on senescence and storage quality of docteur Jules Guyot pear fruit JI Xiaonan, LI Canying, LI Xue, QU Linhong, GE Yonghong (1)
- Research on effects of melting point of palm oil on physicochemical properties of oleogels ZHOU Peiwen, CHEN Haiying, NIU Yueling, JIN Guangyuan (8)
- Research on ultrasonic extraction process of pectin from pitaya peel by response surface optimization LI Jing, ZHU Hanbin, LI Changbin, YU Yumeng, PAN Chunmei (13)
- Extraction of saponins from fermented black onion and study on hypoglycemic activity WANG Liyuan, ZHOU Ning, NING Yuebao (20)
- Prediction model establishment of shelf life of pre-packaged chrysanthemum in chicken sauce food WU Huiyuan, ZANG Peng, DU Bingjian, DONG Haisheng, XU Nan, ZHAO Wei (25)
- Development of fresh extruded rice (FER) with hypoglycemic health care LI Lu, LI Xihong (31)
- Effect of vacuum cooling on the flavor of squareribs with soy sauce CAO Weifeng, XIANG Qingru, ZHANG Yueyan, FENG Tao (37)
- Preparation and properties of bamboo cellulose packaging film by ionic liquid [Bmim] Cl process PENG Jianxiang, ZHU Xiaorao, SUN Shidong, ZHANG Wenshu, CHEN Lijuan, JIANG Zhixuan, ZHU Heping (44)
- Numerical analysis of charged characteristics of wheat flour in spiral transport WANG Yi, LI Yongxiang, XU Xuemeng (51)
- Design of serving chopsticks and spoon meal separating machine MA Xinling, ZHANG Zixuan, SUN Shichu, HONG Changqi, LI Yingcheng (57)
- Orthogonal experiment research on flow characteristics of material in roller feeder LI Qiao (64)
- Design and experimental research of a portable Jujube-clamping-peanuts machine GAO Haichao, HAN Haimin, CHEN Huitao (71)
- Experimental study on rice bran broken rice separation device based on EDEM-Fluent coupling LEI Gang, YU Nanhui, FAN Jijun, JIANG Zuolin, WANG Lizong, CHEN Weizhen, ZHANG Yonglin (76)
- Design and research of Houkui tea pinching mechanism SUN Xuan, LU Jiaping, MI Fu, FANG Jifang (84)
- Development of a bionic automatic bagging device HUANG Shuangcheng, GAO Haichao, LIU Shilin, ZHANG Jun, BO Yunfei (90)
- Improvement design of high speed stack cell for diaper packaging machine DAI Wenming (94)
- Design and test of multi-station pneumatic cover opening and pulp digging device based on mechanical chain TAN Weichao, YAO Ping (101)
- Kinematics analysis and design of M-shaped bag mouth folding restoring mechanism TAO Wei, LU Jiaping, WANG Jingyue (107)