



物流技术

Logistics Technology

ISSN 1005-152X
CN 42-1307/TB

月刊

VSTRONG
伍强智能科技



专注提升您的物流效益

Improving your logistics efficiency

智能物流系统集成专家

伍强智能科技秉承科技创新的发展理念，为全球客户提供先进的智能物流解决方案。产品涵盖AS/RS系统、MINILOAD系统、箱式输送系统、自动分拣系统、智能四向多穿拣选系统、密集存储系统等多种物流装备。科技为伍，更高更强，伍强为您铸造精心物流工程。



微信公众号



天猫旗舰店

中国·北京 | 苏州 | 西安 | 贵阳 | 保定 | 广州

热线电话：**400-010-3808**

ISSN 1005-152X



9 771005 152223

万方数据



《物流技术》杂志

2022年第3期

著作权许可声明

本刊已许可中国学术期刊（光盘版）电子杂志社、万方数据股份有限公司、重庆维普资讯有限公司、龙源创新数字传媒（北京）股份有限公司等在中国知网、万方数据库、中文科技期刊数据库、龙源期刊网等数据库产品中以数字化方式复制、汇编、发行、信息网络传播本刊全文。该社著作权使用费与本刊稿酬一并支付。作者向本刊提交文章发表的行为即视为同意我社上述声明。

《物流技术》杂志社



万方数据

研究与探讨 Research & Discussion

- 1 基于WOS和CNKI的自动化物流装备研究热点共词聚类分析
陈曦, 杜军, 李志明, 等
Hotspot Co-word Clustering Analysis of Researches on Automated Logistics Equipment Based on WOS and CNKI.....CHEN Xi, DU Jun, LI Zhiming, et al.
- 8 安徽省社会物流统计指标体系优化
李薇, 刘国辉, 程雅雯, 等
Optimization of Social Logistics Statistical Index System in Anhui ProvinceLI Wei, LIU Guohui, CHENG Yawen, et al.
- 15 钦州融入西部陆海新通道问题研究
赵光辉
Research on Integration of Qinzhou into New Western Land-sea Corridor for International Trade.....ZHAO Guanghui
- 21 供应链金融下我国保理行业现状热点及前沿研究
潘柏安, 刘宇辰, 黄仁龙
Current Situation, Hot Spots and Frontier Research of Factoring Industry in China under Supply Chain Finance.....PAN Boan, LIU Yuchen, HUANG Renlong
- 25 农产品“第一公里”冷链服务路径及实施保障策略
崔彩周
Path and Implementation Support Strategy of "First-mile" Agricultural Cold Chain Services.....CUI Caizhou
- 32 武汉市重点物流领域价格机制研究
胡海, 索馨, 胡晓佳, 等
Research on Price Mechanism in Key Logistics Fields in WuhanHU Hai, SUO Xin, HU Xiaojia, et al.
- 36 “一带一路”下重庆物流业发展对策
安南, 梁芸僮
Development Countermeasures of Logistics Industry in Chongqing in Context of Belt and Road Initiative.....AN Nan, LIANG Yuntong

技术与方法 Technologies & Methods

- 39 基于情景推理的震灾初期救援物资需求预测
张儒, 齐金平, 闫森, 等
Demand Forecasting of Relief Materials for Early Post-earthquake Rescue Based on Scenario Reasoning.....ZHANG Ru, QI Jinping, YAN Sen, et al.
- 45 基于非期望产出SBM-DEA的省级港口效率分析——以江苏省为例
郭宵, 孙胜元
Analysis of Provincial Ports Efficiency Based on Unexpected Output SBM-DEA Model: A Case Study of Jiangsu.....GUO Xiao, SUN Shengyuan

- 50 考虑保鲜努力水平的生鲜社区团购团长预售现售策略 戴薛甜, 徐娜, 赵林度
Advance and Present Sale Strategy of Group-buying Leader in Fresh-food Community
Considering Level of Fresh-keeping Efforts.....DAI Xuetian, XU Na, ZHAO Lindu
- 58 政府奖惩机制与电子废弃物联合回收演化博弈分析 宋作玲, 史欣
Evolutionary Game Analysis of Government Reward and Punishment Mechanism in E-waste
Joint Recycling.....SONG Zuoling, SHI Xin
- 63 基于重心法和禁忌搜索算法的配送中心选址 褚东亮, 李帆
Site Selection of Distribution Centers Based on Centroid Method and Tabu Search Algorithm
.....CHU Dongliang, LI Fan
- 69 基于出租车订单数据的停车泊位共享区块选择 暨巍, 郑彭军, 黄正锋
Selection of Parking Space Sharing Area Based on Taxi Order Data
.....JI Wei, ZHENG Pengjun, HUANG Zhengfeng
- 77 基于TRIZ理论零胶便捷式封箱的快递包装设计 文宗川, 王慧
TRIZ-based Design of Express Packaging for Zero-glue Usage and Convenient Sealing
.....WEN Zongchuan, WANG Hui
- 81 电商企业物流模式的比较与选择 柏鑫, 鲁力群, 孙萌, 等
Comparison and Selection of Logistics Modes for E-commerce Enterprises
.....BAI Xin, LU Liqun, SUN Meng, et al.
- 86 零售连锁企业物流配送路径优化方法 李艳淇, 邓超
Method of Logistics Distribution Route Optimization for Chain Retail Enterprises
.....LI Yanqi, DENG Chao

供应链管理 Supply Chain Management

- 90 “互联网+区块链”智能合约驱动下生鲜供应链风险管控机制 郝丽, 冯路
SCIPB-based Risk Control Mechanism of Fresh Product Supply Chain.....HAO Li, FENG Lu
- 99 电商服务供应链环境下农产品质量关键监管点与控制对策 王菁菁, 吴薇, 钟敏, 等
Key Supervision Points and Control Countermeasures of Agricultural Products Quality in E-commerce Service Supply Chain Environment...WANG Jingjing, WU Wei, ZHONG Min, et al.

网络与信息化 Internet & Informatization

- 105 我国数字物流发展水平的影响因素及区域差异 王琴梅, 周洋
Influencing Factors and Regional Differences of Digital Logistics Development Level in
China.....WANG Qinmei, ZHOU Yang

物流教育 Logistics Education

- 112 新文科背景下基于线上线下翻转课堂的“物流工程技术与装备”课程教学改革 王冠雄, 汪传雷, 吴海辉, 等
Teaching Reform of Logistics Engineering Technology and Equipment Course Based on Online
and Offline Flipped Classroom under Background of New Liberal Arts
.....WANG Guanxiong, WANG Chuanlei, WU Haihui, et al.



英文翻译 方威
蔡晓冉
排版 章俊松

目次

CONTENTS



本刊启事

本刊于2019年1月1日正式启用在线投稿系统, 欢迎作者登陆网站 <http://www.logisticstech.com>, 在“作者中心”注册在线投稿。

《物流技术》杂志社

- 116 以“双创”能力培养为核心的高校物流管理专业实践实训教学体系建设
吴 隽, 王绍仁, 许丽忆
Construction of Practical Training and Teaching System for University Logistics Management Specialty Focused on Innovation and Entrepreneurship Competence
.....WU Jun, WANG Shaoren, XU Liyi
- 121 基于OBE的物流与电子商务实践课程改革
任 腾, 汤 敏
Logistics and E-commerce Practice Course Reform Based on OBE.....REN Teng, TANG Min
- 125 产业级生鲜电商与冷链物流虚拟仿真实验教学中心建设与实践
任佳佳
Construction and Practice of Industry-level Fresh Product E-commerce and Cold Chain Logistics Virtual Simulation Experiment Teaching Center.....REN Jiajia
- 130 基于“三融合”的应用创新型冷链物流人才培养路径
甘俊伟, 王 喆, 李进军
Training Path of Application-oriented Innovative Cold Chain Logistics Talents Based on Three Integrations.....GAN Junwei, WANG Zhe, LI Jinjun
- 135 “双高”背景下高职院校工学交替教学模式分析——以徐工院物流管理专业为例
付子云
Analysis of Work-study Alternation Teaching Mode of Higher Vocational Colleges in Context of "Double High" Campaign: Taking Logistics Management Specialty of Xuzhou Industrial Vocational and Technical College as Example.....FU Ziyun
- 139 “采购管理”线上线下混合式教学改革与实践
王 欢
Reform and Practice of Online and Offline Blended Teaching for Purchasing Management Course.....WANG Huan
- 143 新时代教育工作语境下“物流管理”课程思政建设策略
李立周
Construction Strategy of Logistics Management Course Embedded with Ideological and Political Education in Context of New Era Education.....LI Lizhou
- 148 长江经济带“两业”深度融合背景下高职物流人才培养
黄腾跃, 杨 晋
Logistics Talent Training in Higher Vocational Colleges for Deep Integration of Logistics Industry and Manufacturing Industry in Yangtze River Economic Belt
.....HUANG Tengyue, YANG Jin
- 152 协同育人视角下服务区域经济的物流实训基地研究与实践——以广西生态工程职业技术学院为例
王永富, 龚翠英
Research and Practice of Higher Vocational Logistics Training Base to Serve Regional Economy from Perspective of Collaborative Education: Experience from Guangxi Eco-engineering Vocational and Technical College.....WANG Yongfu, GONG Cuiying

物流史话 History of Logistics

- 156 舟车起源与早期交通制度建设
艾 振, 牛秀明
Origin of Vessels and Vehicles and Early Development of Traffic System.....AI Zhen, NIU Xiuming