



中国科技论文统计源期刊（核心期刊）  
国家自然科学基金委员会管理科学部认定管理科学重要期刊  
中文社会科学引文索引（CSSCI）来源期刊  
中文核心期刊



# 工业工程与管理

INDUSTRIAL ENGINEERING AND MANAGEMENT

VOLUME 21, NUMBER 5

OCTOBER 2016

5/2016

# 目 次

## 理论与方法

- |  |               |
|--|---------------|
| 1 基于改进型 TOPSIS 的协同创新参与主体组合模式优选模型研究         | 刘书庆,李春花       |
| 9 节能减排视角下的煤矿生产物流系统安全资源配置研究                 | 王金凤,陈 赞,冯立杰,等 |
| 16 考虑两阶段价格的生鲜农产品供应链协调研究                    | 王道平,李昕怡,张博卿   |
| 23 一种基于 Q 学习的 Flow shop 问题调度算法研究           | 李国昊,李文超       |
| 28 考虑电弧炉出钢延迟废钢铁再制造重调度研究                    | 钱强飞,陈伟达       |
| 35 不确定环境下等待时间受限的混合流水车间调度问题研究               | 常晓坤,董 明       |
| 42 合同双方基于合作博弈的 Max-npv 项目调度优化              | 李兰英,何正文,刘入境   |
| 49 基于非线性双层规划的产品族低碳配置优化决策                   | 马 爽,杜 纲       |
| 56 基于分派规则和离散人工蜂群算法的再制造系统生产调度               | 苏 春,施杨梅,郑玉巧   |
| 62 考虑缺货的两阶段腐败一体化库存—路径模型                    | 朱桂阳,贾 涛,林 峰,等 |
| 69 不确定条件下三级供应链收益共享契约研究                     | 朱宝琳,戚亚萍,戢守峰,等 |
| 76 基于双源供货的闭环供应链最优决策和社会福利分析                 | 赵晓敏,黄 盈       |
| 83 24HrKF 视角的大数据情境下知识共享流程改善模型研究            | 夏火松,李 芳       |
| 92 “二次元”文化下虚拟社区敌对性忠诚的形成机制研究                | 马向阳,王立斌,白 寅,等 |
| 99 外源性产品伤害危机中企业“知情与否”对消费者购买意愿的影响:感知风险的中介效应 | 赵宝春,钟立文       |
| 105 复杂电信社交网络中家庭群体的识别与应用                    | 刘荣辉,高 阳,张湛梅   |

## 实践应用

- |   |               |
|---|---------------|
| 111 认知能力测量:基于包容性设计的文献综述                 | 董 华,宁维宁,侯冠华   |
| 117 基于协同演化动态能力的汽车电商接受意愿研究——以 S 汽车集团电商为例 | 郝 鸿,刘尊礼,孟宪忠,等 |
| 123 影响老年人使用移动应用的认知因素                    | 黄 珊,董 华,花 敏   |
| 129 基于开排队网络的医院门诊服务台优化配置                 | 朱明珠,齐二石,杨甫勤   |
| 134 公立医院医生组织公民行为结构探索与问卷编制               | 邱 阳,张 莉,滕尔越   |
| 141 邻域粗糙集融合贝叶斯神经网络在医疗决策中的应用研究           | 王效俐,刘 潘,苏 强   |
| 148 组织服务失败对客户针对员工行为意向的影响                | 唐建生,王彦彦,郑春东   |
| 154 考虑用户认知和情感体验的 B2C 网站首页主副导航设计研究       | 胡名彩,郭 伏,孙凤良   |

(封面设计:王琦)

期刊基本参数:CN31-1738/T \* 1996 \* b \* 16 \* 159 \* zh \* P \* ¥15.00 \* 3100 \* 24 \* 2016-10

## Industrial Engineering and Management CONTENTS

Bimonthly

Vol. 21, No. 5

October 10, 2016

### THEORY AND APPROACHES

- 1 The Optimal Selection of Collaborative Innovational Participants Combination Model Based on Improved TOPSIS ..... *LIU Shu-qing, LI Chun-hua*
- 9 Research on the Safety Resource Allocation of Coal Mine Production Logistics System under the Energy Saving and Emission Reduction ..... *WANG Jin-feng, CHEN Zan, FENG Li-jie, et al*
- 16 Study on Coordination of Fresh Agricultural Products Supply Chain Based on Two-phase Pricing ..... *WANG Dao-ping, LI Xin-yi, ZHANG Bo-qing*
- 23 A Scheduling Algorithm Based on Q-Learning for Flow Shop Problem ..... *LI Guo-hao, LI Wen-chao* 23
- 28 Research on Rescheduling Model and Algorithm in the Iron and Steel Scrap Remanufacturing Taking the EAF's Steel Delay into Considerations ..... *QIAN Qiang-fei, CHEN Wei-da*
- 35 Solving the Hybrid Flowshop Problem with Limited Waiting Times in a Stochastic Environment ..... *CHANG Xiao-kun, DONG Ming*
- 42 Multimode Max-Npv Project Scheduling Optimization of Both Parties of Contract Based on Cooperative Game ..... *LI Lan-ying, HE Zheng-wen, LIU Ren-jing*
- 49 Optimization Decision for Low-carbon Configuration of Product Family with Nonlinear Bi-level Programming ..... *MA Shuang, DU Gang*
- 56 Scheduling for Remanufacturing System Based on Dispatching Rules and Discrete Artificial Bee Colony Algorithm ..... *SU Chun, SHI Yang-mei, ZHENG Yu-qiao*
- 62 Integrated Inventory Routing Problem with In-Transit and Retail Deterioration Allowing for Lost Sale ..... *ZHU Gui-yang, JIA Tao, LIN Feng, et al*
- 69 Revenue Sharing Contract for Three-echelon Supply Chain under Uncertainties Condition ..... *ZHU Bao-lin, QI Ya-ping, JI Shou-feng, et al*
- 76 Optimal Decision and Social Welfare of a Closed-loop Supply Chain Based on Dual-Source Supply ..... *ZHAO Xiao-min, HUANG Ying*
- 83 Knowledge Sharing Procedure Improvement Model of the Big Data Context Based on the 24HrKF ..... *XIA Huo-song, LI Fang*
- 92 Research on the Formation Mechanism of Oppositional Loyalty under the Context of ACG Culture in Virtual Community ..... *MA Xiang-yan, WANG Li-bin, BAI Yin, et al*
- 99 Awareness or Unawareness of External Causes for Product Harm Crisis Influencing Consumption Intention: the Mediation Effect of Perceived Risk ..... *ZHAO Bao-chun, ZHONG Li-wen*
- 105 Family Group Recognition and Application in Complex Telecom Social Network ..... *LIU Rong-hui, GAO Yang, ZHANG Zhan-mei*

### APPLICATION OF IE

- 111 Measuring Cognitive Capability: A Literature Review Based on Inclusive Design ..... *DONG Hua, NING Wei-ning, HOU Guan-hua*
- 117 Research of Auto E-commerce Acceptance Intention Based on Coevolution and Dynamic Capabilities: an E-commerce Example of S Automotive Group ..... *HAO Hong, LIU Zun-li, MENG Xian-zhong, et al*
- 123 Cognitive Factors Influencing Older People's Use of APPs ..... *HUANG Shan, DONG Hua, HUA Min*
- 129 The Resource Optimization of Service Desks in the Outpatient Based on the Open Queuing Network ..... *ZHU Ming-zhu, QI Er-shi, YANG Fu-qin*
- 134 Structure Analysis and Questionnaire Development of Doctors' Organizational Citizenship Behavior in Public Hospital ..... *QIU Yang, ZHANG Li, TENG Er-yue*
- 141 Application in Medical Decision Making Based on Neighborhood Rough Set and Bayes Neural Network ..... *WANG Xiao-li, LIU Xiao, SU Qiang*
- 148 The Influence of Organizational Service Failure on Customer's Behavior Intention ..... *TANG Jian-sheng, WANG Yan-yan, ZHENG Chun-dong*
- 154 Research on Global and Local Navigation Design of B2C Website Homepage Considering Users' Cognition and Emotional Experience ..... *HU Ming-cai, GUO Fu, SUN Feng-liang*

汪道涵先生为本刊题写的刊名

# 工业工程与管理

本刊系

“中国期刊方阵”双效期刊

“中国科技论文统计源”期刊

国家自然科学基金委员会管理科学部认定管理科学重要期刊

中文核心期刊

中文社会科学引文索引（CSSCI）来源期刊

“中国学术期刊光盘版”全文收录期刊

“中国期刊网”全文收录期刊

“中国学术期刊综合评价数据库”全文收录期刊

“中国科学引文数据库”来源期刊

“万方数据资源系统数字化期刊群”入网期刊

“中文科技期刊数据库”原文收录期刊

“中国期刊全文数据库”全文收录期刊

英国 IEE 收录期刊

教育部优秀科技期刊



ISSN 1007-5429

9 771007 542169

国内统一连续出版物号：CN 31-1738/T 邮发代号：4-585