

中国高校特色科技期刊  
RCCSE 中国核心学术期刊

ISSN 1007-2853

CN 22-1249/TQ

吉林  
化工  
学院  
学报

# 吉林化工学院 学报

JOURNAL OF JILIN INSTITUTE OF  
CHEMICAL TECHNOLOGY

第39卷 第6期 Vol.39 No.6

二〇二二年



第三十九卷  
第六期

(总第二六六期)

ISSN 1007-2853



9 771007 285004

2022 6

中国·吉林 JILIN·CHINA

## 目 次

## 教学·教育

- 《高等数学》“课程思政”教育教学改革的研究与实践 ..... 史彦丽,许洁(1)
- 工程教育专业认证背景下《化工热力学》课程目标的探讨 ..... 潘高峰,王犇,王桂英,孔丽(6)
- 微机原理课程教学重点难点知识解析 ..... 曹玉波,张振涛,赵明丽,杨莹(10)
- 地方工科高校电子信息工程专业创新型人才实践教学体系的构建与实施  
..... 付莉,付秀伟,于军,侯凤艳,李佩玉,刘鸿章(14)
- 化工类特色高校数据科学与大数据专业人才培养模式研究 ..... 王威娜,马俊(19)
- 基于数字资源推荐的自主学习效果评价研究 ..... 闫晶,宋昊玲,张先艳(24)
- 《固体废物处理与处置》课程线上线下混合式教学模式探索 ..... 高婵娟(28)
- MSDS及其在高校化学实验室的使用探析 ..... 翦英红,范宁伟,秦慧芳,魏薇,白鹭(33)
- 贝叶斯统计中“后验分布”的教学设计 ..... 王燕飞(37)
- 基于“3+2”模式下的《机电传动控制》课程教学改革与研究 ..... 滕加庄(43)
- 教师企业实践锻炼与工程教育认证理念下《腐蚀与密封》课程教学改革结合研究  
..... 刘金东,李浩荣,程学晶,陈庆(46)
- OBE工程教育理念视角下应用型本科院校就业情况研究及对策  
——以吉林化工学院过程装备与控制工程专业为例 ..... 段世铭,曾新芳,杨帆,滕晓明(49)
- 基于课程思政视角下的《油气集输技术》教学改革探索 ..... 马妍欣(55)
- 将赓续“中国共产党精神谱系”自觉性贯穿“中国近现代史纲要”课程的教学探究 ..... 李智(58)
- 蔡元培的教育思想对培养青少年体育核心价值观的启示 ..... 苏显春,刘树民(62)
- 飞行器制造工程专业实践教学研究 ..... 由博(66)
- 《单片机原理及应用》智慧课堂的实践探索  
——以“AT89S51单片机的中断系统”讲解为例 ..... 尚任(71)
- PBL教学法在“信息资源管理”课程思政教学改革中的应用 ..... 周丽媛(77)
- 面向理工科高校大学生的阅读推广人培育方式研究 ..... 贾司渤(81)
- 信息化背景下高职院校教学管理改革创新研究 ..... 任璐,张大伟(88)
- 语言·经济
- 跨文化交际分层解码在跨境电商中的动态路径研究 ..... 唐君(91)
- 人工智能下企业财务会计向管理会计转型研究 ..... 臧泽华,张欣悦(95)



---

---

## CONTENTS

- Research and Practice of Ideological and Political Education in the Teaching of Higher Mathematics  
..... *SHI Yanli, XU Jie* (5)
- Discussion on the Course Objective of Chemical Thermodynamics under the Background of Engineering  
Education Accreditation ..... *PAN Gaofeng, WANG Ben, WANG Guiying, KONG Li* (9)
- An Analysis of Key and Difficult Knowledge in the Teaching of Microcomputer Principle Course  
..... *CAO Yubo, ZHANG Zhentao, ZHAO Mingli, YANG Ying* (13)
- Construction and Implementation of Practical Teaching System for Cultivating Innovative Application-oriented  
Talent Majoring in Electronic Information Engineering in Local Engineering Colleges  
..... *FU Li, FU Xiuwei, YU Jun, HOU Fengyan, LI Peiyu, LIU Hongzhang* (18)
- Research on Cultivation Mode of Talents Majoring in Data Science and Big Data Technology in Universities  
with Chemical Characteristics ..... *WANG Weina, MA Jun* (23)
- Evaluation of Independent Learning Effect Based on Digital Resource Recommendation  
..... *YAN Jing, SONG Haoling, ZHANG Xianyan* (27)
- Exploration on Online and Offline Mixed Teaching Model of Course of Solid Waste Treatment and Disposal  
..... *GAO Chanjuan* (32)
- Analysis of MSDS and Its Application in University Chemistry Laboratory  
..... *JIAN Yinghong, FAN Ningwei, QIN Hui Fang, WEI Wei, BEI Lu* (36)
- Instructional Design of “Posterior Distribution” in Bayesian Statistics ..... *WANG Yanfei* (42)
- Teaching Reform and Research of Electromechanical Transmission Control Based on “3+2” Mode  
..... *TENG Jiazhuang* (45)
- Research on the Combination of Teachers’ Enterprise Practice and Teaching Reform of Corrosion and  
Sealing under the Concept of Engineering Education Accreditation  
..... *LIU Jindong, LI Haorong, CHENG Xuejing, CHEN Qing* (48)
- Research on Employment of Application-oriented Universities from the Perspective of Outcome Based  
Education and the Countermeasures: A Case of Process Equipment and Control Engineering Major  
in Jilin Institute of Chemical Technology  
..... *DUAN Shiming, ZENG Xinfang, YANG Fan, TENG Xiaoming* (54)
- Exploration on the Teaching Reform of “Oil and Gas Gathering and Transportation Technology” from the  
Perspective of Ideological and Political Education ..... *MA Yanxin* (57)
- The Research of Persisting Consciousness of the CPC’s Spiritual Lineage in the Teaching Outline of Chinese  
Modern History ..... *LI Zhi* (61)
- Enlightenment of Cai Yuanpei’s Educational Thought on Cultivating the Core Values of Youth Sports  
..... *SU Xianchun, LIU Shumin* (65)
- Research on Practical Education of Aircraft Manufacturing Engineering ..... *YOU Bo* (70)
- The Practice and Exploration of Smart Classrooms of Single-chip Principle and Application; Taking the  
Teaching of “Interrupt System of AT89S51 Single-chip” as an Example ..... *SHANG Ren* (76)
- Application of PBL Teaching Method in Ideological and Political Teaching Reform of “Information Resource  
Management” Course ..... *ZHOU Liyuan* (80)
- Research on the Cultivation Method of Reading Promoters Orienting to College Students in Science and  
Engineering Universities ..... *JIA Sibao* (87)
- Research on the Reform and Innovation of Teaching Management in Higher Vocational Colleges in the  
Context of Informationization ..... *REN Lu, ZHANG Dawei* (90)
- Research on Dynamic Path of Cross-cultural Communication Layered Decoding in Cross-border E-commerce  
..... *TANG Jun* (94)
- Research on the Transformation from Enterprise Financial Accounting to Management Accounting in the  
Context of Artificial Intelligence ..... *ZANG Zehua, ZHANG Xinyue* (98)