

中国高校优秀科技期刊
《中文科技期刊数据库》收录期刊
《万方数据-数字化期刊群》收录期刊
《中国核心期刊(遴选)数据库》收录期刊
《中国学术期刊综合评价数据库》来源期刊
《中国期刊网》《中国学术期刊(光盘版)》全文收录期刊

ISSN 1672-9994
CN 34-1281/Z
中国·马鞍山

安徽冶金科技职业学院学报

JOURNAL OF ANHUI VOCATIONAL COLLEGE OF
METALLURGY AND TECHNOLOGY

安徽冶金科技职业学院学报

第三十二卷

第四期

总第68期

二〇二二年十月

ISSN 1672-9994



9 771672 999220



2022.4

Vol. 32 No. 4 (卷终)

目 次

冶金科学技术

· 冶金与工艺 ·

- 热浸镀锌铝镁与纯锌镀层钢板成形性能对比研究 单梅,葛浩,崔磊,何丹丹(1)
- 卷取温度与终轧温度对 DC01 性能的影响 文字龙,杨少华,张涛(5)
- 双相钢 DP780 窄搭接焊焊缝退火工艺及性能 李登鹏(8)
- 马钢 B 高炉大修出铁场综合改造实践 张全一,曹兵,孙树峰,蔡华飞(11)
- Ti 元素对电工钢性能的影响研究 邱凯(14)
- 马钢 4 号高炉高冶强下炉墙局部结厚的快速处理实践
..... 刘鹏,王志堂,高广静,陈军,罗顺安,刘响(17)

· 冶金与机械 ·

- 一种车床自动钻孔夹具的设计 徐小龙,程大卫(21)
- 冶金环境下电动单梁起重机改造 朱泽华(23)

· 冶金与自动化 ·

- 自动焊牌系统在棒材生产线上的创新应用 胡寅峰,苏炜,张晨,张骁(26)
- 基于 modbus 协议的 AGV 与电梯的通信研究 王国壮,邵林(29)

· 冶金与建筑 ·

- 喷锚技术在矿石破碎生产线中的应用 沈凯(32)

· 综合 ·

- 超高压锅炉提升过热蒸汽温度实践 李如飞,周燕弟,王圣(35)
- 焦炉煤气废脱硫剂内部处置探索与实践 洪瑾(38)
- 生活垃圾渗滤液处理与药剂应用 罗爱武(42)
- 长距彗星兰花蜜距石蜡切片的制备和显微结构的观察 崔以璨(45)

高等职业(其它)教育

- 基于逆向的混合式教学设计 杨根莲(48)
- 以专利为载体提升高职院校学生创新能力 赵岚,朱彬彬(52)
- 基于游戏化设计的中职电子商务课程开发实践
——以《网店运营》课程为例 陶宇星,王白鸽,薄赋徕(55)
- 基于创新能力培养的高职《二维设计基础》课程教学研究 王白鸽,马宗禹,陶宇星(58)
- 线上线下混合式教学研究与实践
——以《企业经营沙盘模拟实训》课程为例 濮珍贞(62)
- 依托红色文化资源开展高职高专院校思政课实践教学的实效性研究 戴小兵(66)
- 网页设计与制作课程思政的实践路径与价值意蕴 鲁超,黄莺,叶根梅(69)

新时代美术教学方式转变的对策研究	陈 魏(72)
中职机电专业技能型人才培养途径的探究	黄海军(76)
新形势下做好技校班主任的探索与思考	马大文(79)

企业经济与管理

基于长三角区域一体化视角下马鞍山高新区转型升级对策研究	张 杰(82)
基于 BSC 的行政事业单位绩效评价指标体系研究	夏永萍(87)
关于对社保降费有关影响的探讨	谭群毅(90)
数学思想与阿米巴经营	窦海巍(92)
化学实验室检测结果质量控制的影响因素及对策	黄中琦,姚 岚(96)

人文学术研究

乡村振兴法治建设的调查与思考	陶 琼,万 师,姜水静(99)
监督执纪“四种形态”的思考与运用	张 俊(103)

英文目次	(107)
2022 年总目次	(108)
稿 约	(110)
封二、封三	于含露

[期刊基本参数] CN34-1281/Z * N * 1990 * q * A4 * 112 * zh * p * ¥ 30.00 * 500 * 32 * 2022-04

安徽冶金科技职业学院学报编委会

学报主要负责人

主任委员:

唐琪明

主 编:

王 谦

副主任委员:

王 谦(常务) 牛树刚

委 员: (以姓氏笔画为序)

王小平 叶国林 田朝林

刘良和 陈厚新 金秋乐

龚义书 端 强

编辑部主任:

田朝林

主管:马钢(集团)控股有限公司
 主办:安徽冶金科技职业学院
 地址:安徽省马鞍山市湖西南路 555 号

编辑部地址:安徽冶金科技职业学院
 邮编:243041 电话:0555-2880113
 E-mail:ayzyxb@163.com

ISSN 1672-9994
 刊号:CN 34-1281 / Z

<http://ahyjkjzyxyxb.periodicals.net.cn/default.html>

国内发行:中国邮政集团有限公司马鞍山分公司
 邮发代号:26-209

订阅:全国各地邮政局(所)
 定价:30.00 元 (季刊 逢当季首月出版)

Contents

Study on Formability of Hot-Dip Galvanized Zn-Al-Mg and Pure Zinc Steel Sheet	SHAN Mei, GE Hao, CUI Lei, HE Dan-dan(1)
Effect of Coiling Temperature and Final Rolling Temperature on DC01 Performance	WEN Yu-long, YANG Shao-hua, ZHANG Tao(5)
Analysis of Weld Annealing Process and Properties of Dual-phase Steel DP780 Narrow Lap Welding	LI Deng-peng(8)
Practice of Comprehensive Transformation of B Blast Furnace in Ma Steel Co	ZHANG Quan-yi, CAO Bing, SUN Shu-feng, CAI Hua-fei(11)
Study on the Effect of Ti Element on the Properties of Electrical Steel	QIU Kai(14)
Immediate Treatment Practice of Local Wall Thickening under High Metallurgical Strength; A Study of No. 4 Blast Furnace at Masteel	LIU Peng, WANG Zhi-tang, GAO Guang-jing, CHEN Jun, LUO Shun-an, LIU Xiang(17)
Design of an Automatic Drilling Fixture for Lathe	XU Xiao-long, CHENG Da-wei(21)
Study on Reasonable Transformation Concept of Electric Single Girder Crane in Metallurgical Environment	ZHU Ze-hua(23)
Innovative Application of Automatic Label Welding System on Bar Mill	HU Yin-feng, SU Wei, ZHANG Chen, ZHANG Xiao(26)
Research on Communication Between AGV and Elevator Based on Modbus Protocol	WANG Guo-zhuang, SHAO Lin(29)
Application of Shotcrete Anchor Technology in the Mine Raw Material Crushing Production Line	SHEN Kai(32)
Practice of Raising Superheated Steam Temperature in Ultra-high Pressure Boiler	LI Rui-fei, ZHOU Yan-di, WANG Sheng(35)
Exploration and Practice of Internal Disposal of Waste Desulfurizer for Coke Oven Gas in Iron and Steel Enterprise	HONG Jin(38)
Treatment of Domestic Refuse Leachate and Medicament Applications	LUO Ai-wu(42)
Preparation of Paraffin Section and Observation of Microstructure of Nectar Spur in Darwin Orchid	CUI Yi-can(45)
Blended Teaching Design Based on Reverse	YANG Gen-lian(48)
To Improve the Innovation Ability of Students in Higher Vocational Colleges with Patent as the Carrier	ZHAO Lan, ZHU Bin-bin(52)
Practice of E-commerce Curriculum Development in Secondary Vocational Schools Based on Game Design ——Take the course “Online Store Operation” as an Example	TAO Yu-xing, WANG Bai-ge, BO Fu-yao(55)
Teaching Research of Foundation of Two-dimensional Design Course in Higher Vocational Colleges Based on the Cultivation of Innovation Ability	WANG Bai-ge, MA Zong-yu, TAO Yu-xing(58)
Research and Practice of Online and Offline Mixed Teaching ——Take the course “Sand Table Simulation Training of Enterprise Management” as an example	PU Zhen-zhen(62)
Research on the Effectiveness of Carrying Out Practical Instruction of Ideological and Political Course in Higher Vocational Colleges Based on Red Cultural Resources	DAI Xiao-bing(66)
Practice Path and Value Implications of Curriculum-based Ideological and Political Education in the Course “Web Design and Production”	LU Chao, HUANG Ying, YE Gen-mei(69)
Countermeasure Research on the Mode of Transformation of Art Teaching in the New Era	CHEN Wei(72)
Research on the Training Approaches of Skilled Personnel in Mechanical and Electrical Specialty in Secondary Vocational Schools	HAUNG Hai-jun(76)
Opinion On The work of The Head Teacher In Technical School Under The New Situation	MA Da-wen(79)
Research on Transformation and Upgrading Countermeasures of Ma’anshan High Tech Zone from the Perspective of Regional Integration in the Yangtze River Delta	ZHANG Jie(82)
Performance Evaluation of Administrative Institutions Based on BSC Research on indicator system	XIA Yong-ping(87)
Discussion on the Influence of Reducing Social Security Fees	TAN Qun-yi(90)
Mathematical Thought and Amoeba Management	DOU Hai-wei(92)
Influencing Factors and Countermeasures of Quality Control of Chemical Laboratory Test Results	HUANG Zhong-qi, YAO LAN(96)
Investigation and Reflection on the Rule of Law Construction of Rural Revitalization	TAO Qiong, WAN Shi, JIANG Shui-jing(99)
Thinking and Application of “Four Forms” of Supervision and Discipline Enforcement	ZHANG Jun(103)