

中国核心期刊（遴选）数据库收录期刊
中国学术期刊（光盘版）收录期刊
万方数据数字化期刊群收录期刊

ISSN 1674-098X
CN 11-5640/N

科技创新导报

CHINA

www.chinakjcxdb.com

Science and Technology Innovation Herald
科技创新导报

Science and Technology Innovation Herald

编辑：《科技创新导报》编辑部 邮发代号：80-542 2021年 第07期 总第547期 2021-03-01

2021年 第07期 总第547期

2021-03-01

橡塑柔性剂复合改性沥青路面关键技术研究

海洋光学 USB2000+ 光纤光谱仪的系统性偏差分析

网址：www.chinakjcxdb.com

投稿邮箱：kjcxdb2021@136.com

ISSN 1674-098X



9 771674 098211

邮发代号：80-542

中国大陆地区定价：30元（RMB）

万方数据



微信公众平台

中国宇航出版有限责任公司

China Astronautic Publishing Co., Ltd

北京合作创新国际科技服务中心

Beijing Cooperation Innovation International Science and Technology Service Center

航空航天科学技术

航天用管阀特高压密封技术简析..... 刘佳良 (1)

工程技术

橡塑柔性剂复合改性沥青路面关键技术研究..... 何杨闽 (5)

浅谈西大河水库土石坝日常检查与养护管理..... 张大林 (9)

高密度电法在铁路工程隧道勘察中的应用..... 董韬 (12)

浅析EPC工程总承包模式施工图预算的意义..... 陈迪友 张明玉 门梦飞 王啸 郑梦 高晋停 (15)

《贵州省旅游资源地图册》设计与创新..... 吴付英 姚鑫 (18)

城市集中供热智能化与智能热网的构建思考..... 孟瑜 赵彤 王亚杰 于兰 李胜男 刘璐 (21)

智能建筑弱电系统施工常见的问题及其防范措施..... 高宇 (24)

水泥稳定碎石路面基层的施工质量控制分析..... 牛继栋 (27)

建筑施工问题探讨及施工管理研究..... 师志斌 (30)

铁路养路机械应用现状探讨..... 李菁 (33)

混凝土湿喷机S管道固液耦合分析..... 汤正翔 (38)

新型水驱特征曲线在递减率评价中的应用..... 吴华 (41)

西藏金河瓦托水电站坝基优化浅谈..... 田江伟 泽旺曲扎 (44)

基于无人机倾斜摄影测量的农村房屋调查研究..... 侯波 (51)

工业技术

M701F燃气轮机高速盘车浅析..... 李响 (54)

基于智能传感器的汽车电子技术应用研究..... 李纯 (57)

浅析破损涡轮叶片的增材制造..... 曾海波 张志坤 (60)

新形势下装备维修保障工作的思考..... 于春阳 黄涛 (63)

关于燃煤电厂脱硫废水处理工艺的研究进展..... 房慧 武宇鹏 (66)

直线加速器的应用及创新发展..... 邹宇涛 王昕晨 朱辉 刘思敏 柳彪 王雨航 (71)

红外成像技术在测温领域的应用..... 周骅 (74)

关于无人机降落伞自动分离系统的设计与开发..... 吴青松 冯译萱 韩广场 周凯 周思成 潘勋怡 (77)

精细化恒压稳流变频注水控制系统..... 孙润喜 (80)

在线梗签分离回收装置评价方法的研究..... 何晓莹 范羿 王丽君 李绍波 刘丹楹 邓佩珊 (84)

应用驻波法控制物体空间定位及位移研究..... 刘智敏 包琰洋 刘涵 (87)

校园综合能源服务分析..... 陆颖杰 汤卓凡 (91)

关于现代机械制造工艺与精密加工技术的思考..... 梁云磊 (94)

现代化工业设计在智能家居中的发展探析..... 韩博旭 (97)

吊运熔融金属起重机高度限位与超速保护装置检验要求和方法..... 毕海榕 (102)

环境与建筑科学

城市污水处理厂的污水处理工艺分析..... 张新春 (105)

工业区固定源废气挥发性有机物监测思考..... 张福全 (108)

水源地保护与安全管理的 技术实践探索..... 邵慧霞 (111)

信息科学

基于物联网技术的智慧消防建设..... 徐向朋 (114)

基于SWOT分析的山东无人系统产业发展思考..... 袁伟 (117)

海洋光学USB2000+光纤光谱仪的系统性偏差分析..... 杨珂圳 姜亢 张鹏 (121)

基于调控云的生产早报数据对象化及分析..... 张定军 卢浩哲 谢敬东 陆池鑫 (130)

基于改进Faster R-CNN的变压器巡检图像数据挖掘研究..... 贺月 常永娟 (133)

区块链在GIS行业的应用探索..... 欧阳光 (137)

创新管理

基于SHEL模型的中小机场空中交通管制运行风险分析..... 宋晓芳 (140)

电网企业物资监督数字化转型升级研究..... 朱柳慧 朱伊姝 (143)

基于政务微信公众号的电子政务效率提升对策研究..... 王轩 (147)

当前我国公共图书馆志愿者管理问题研究..... 黄绣坤 (150)

高层建筑消防安全管理现状及对策..... 姜文龙 (153)

某高校大学生体检结果分析以及相关健康对策研究..... 黄选洋 高永蓉 肖焕权 (156)

建筑经济管理中的问题及应对措施..... 王炳智 (160)

建筑施工管理中加强工程安全监督的措施研究..... 刘会东 (163)

电力工程建设的精细化管理方法分析..... 孙树双 王浩宇 马翔龙 (166)

5G时代下图书馆智能借阅服务研究..... 和欣 (169)

基于YOLOv5的城市交通目标检测研究..... 张长伦 张翠文 (172)

浅谈燃煤电厂烟气脱硝与脱硫工程管理与控制优化..... 于腾洋 张岩 (175)

- 互联网+背景下血站信息化管理的探索与实践 何雅芹 (178)
- 交叉口交通冲突仿真分析 朱新征 (181)

创新教育

- 非凸优化中对于带不同惯性项的前后分裂算法的一种加速技术 刘海玉 (184)
- 基于1+X证书下的高职人才培养模式策略探究 余云鹏 许耿 (188)
- 基于钉钉平台的翻转课堂教学模式在心内科教学实践的可行性分析 李强 邵海峰 卜艳玲 李文华 (192)
- 基于医疗器械工程市级示范性实验中心培养创新人才实验教学体系建设探讨
..... 石更强 尹帅帅 孙旭阳 王智礼 (195)
- 浅谈“微课”推动下设计型分析化学实验改革的几点思考 王萍萍 余兰 钟永科 (198)
- 疫情期间《智能化仪器仪表》网络教学方法改革探索 彭超 (202)
- 基于OBE教育理念导向下的大学物理教学研究 常雪芳 (205)
- “学研训考评”五位一体教学模式研究与实践 李大晓 宋瑾瑾 (208)
- “经济博弈论”课程混合式教学模式探究 童明余 邹艳 (211)
- 大学生创新创业实践平台建设的探索与实践 杜钰玮 邬丽群 (214)
- 混合式教学模式下的信息技术类课程改革路径研究 刘小艮 (217)
- 火灾逃生与紧急疏散虚拟仿真实验系统的研究 郝凤涛 曾文琪 (220)
- 信息化背景下电工电子实验教学模式的探索与实践 胡秋琦 杨静 (223)
- 基于慕课的翻转课堂教学模式在《泌尿系统疾病》教学中的应用研究 闫续 (226)
- 电子科学与技术专业电子材料导论课程教学改革方案 张均营 侯志灵 邵晓红 冯志芳 林承友 (229)
- 职业教育下“电力电子变换器”课程的探索与实践 左廷友 苏瑞 刘益民 (233)
- 以研究课题为引领《食品感官评价》课程建设 龙门 朱双杰 詹歌 韦涛 吴业静 范蕊庆 冯宪民 (237)

探索与创新

- 基于“技研中心”的专创融合实施路径研究 李文彪 李申燕 龚芳海 (241)
- 山东省通用航空在旅游业的发展策略探讨 苗飞 (244)
- 新媒体时代传统媒体新闻编辑的创新策略思考 高天啸 (247)
- 互联网+背景下大学生就业渠道拓展研究 张妍 (250)
- 现代高校图书馆应急管理机制探析 廖敏 孙翠艳 贾苗 (253)

期刊基本参数: CN11-5640/N*2004*t*A4*256*ZH*P*¥30.00*1000*075*2021-07

Aerospace Science Technology

Analysis of Ultra High Pressure Sealing Technology for Aerospace Pipe Valve..... LIU Jialiang (1)

Engineering Technology

Research on Key Technology of Rubber-plastic Softener Compound Modified Asphalt Pavement.....
..... HE Yangmin (5)

Daily Inspection and Maintenance Management of Earth Rock Dam of Xidahe Reservoir ZHANG Dalin (9)

Application of High Density Electrical Method in Railway Tunnel Investigation DONG Tao (12)

Analysis on the Significance of Construction Drawing Budget in EPC Project General Contracting Mode
.....CHEN Diyou ZHANG Mingyu MEN Mengfei WANG Xiao ZHENG Meng GAO Jinting (15)

Design and Innovation of Tourism Resources Atlas of Guizhou Province WU Fuying YAO Xin (18)

Thinking on the Intellectualization of Urban Central Heating and the Construction of Intelligent Heat Network ...
..... MENG Yu ZHAO Tong WANG Yajie YU Lan LI Shengnan LIU Lu (21)

Common Problems and Preventive Measures in Weak Current System Construction of Intelligent Building
..... GAO Yu (24)

Analysis on Construction Quality Control of Cement SZtabilized Macadam Road Base NIU Jidong (27)

Discussion on Construction Problems and Construction Management SHI Zhibin (30)

Discussion on the Application Status of Railway Maintenance Machinery LI Jing (33)

Fluid-structure Interaction Analysis of Concrete Wet Jet S-type Tube ValveTANG Zhengxiang (38)

Application of New Water Drive Characteristic Curve in Decline Rate Evaluation WU Hua (41)

Discussion on Optimization of Dam Foundation of Jinhe Watuo Hydropower Station in Tibet
..... TIAN Jiangwei ZE Wangquzha (44)

Research on Rural Housing Survey Based on UAV Tilt Photogrammetry HOU Bo (51)

Industrial Technology

Analysis of M701F Gas Turbine High Speed Barring LI Xiang (54)

Research on the Application of Intelligent Sensor in Automotive Electronic Technology LI Chun (57)

Analysis on Additive Manufacturing of Damaged Turbine Blade ZENG Haibo ZHANG Zhikun (60)

Thinking of Equipment Maintenance and Support Work under New Situation
..... YU Chunyang HUANG Tao (63)

Research Progress on FGD Wastewater Treatment Technology in Coal-fired Power Plants	FANG Hui WU Yupeng (66)
Application and Innovative Development of Linear Accelerator	ZOU Yutao WANG Xinchun ZHU Hui LIU Simin LIU Biao WANG Yuhang (71)
Application of Infrared Imaging Technology in Temperature Measurement Field	ZHOU Hua (74)
Design and Development of Automatic Parachute Separation System for UAV	WU Qingsong FENG Yixuan HAN Guangchang ZHOU Kai ZHOU Sicheng PAN Xunyi (77)
Fine Constant Pressure and Steady Flow Frequency Control System for Water Injection.....	SUN Runxi (80)
Research on Evaluation Method of Online Stem Sliver Separation and Recovery Device	HE Xiaoying FAN Yi WANG Lijun LI Shaobo LIU Danying DENG Peishan (84)
Research on Space Positioning and Displacement Control of Object by Standing Wave Method	LIU Zhimin BAO Yanyang LIU Han (87)
Analysis of Comprehensive Energy Service on Campus	LU Yingjie TANG Zhuofan (91)
Thinking about Modern Machinery Manufacturing Technology and Precision Machining Technology	LIANG Yunlei (94)
Analysis on the Development of Modern Industrial Design in Smart Home	HAN Boxu (97)
Inspection Requirements and Methods for Height Limit and Overspeed Protection Device of Crane for Lifting Molten Metal	BI Hairong (102)

Environmental and Building Science

Analysis of Sewage Treatment Process in Urban Sewage Treatment Plant	ZHANG Xinchun (105)
Monitoring and Research on Volatile Organic Compounds from Fixed Source Waste Gas in Industrial Zone	ZHANG Fuquan (118)
Technical Practice of Water Source Protection and Safety Management	SHAO Huixia (111)

Information Technology

Intelligent Fire Protection Construction Based on Internet of Things Technology.....	XU Xiangpeng (114)
Development Thinking of Unmanned System Industry in Shandong based on SWOT Analysis	YUAN Wei (117)
Systematic Deviation Analysis of Ocean Optics USB2000 + Spectrometer	YANG Kezhen JIANG Kang ZHANG Peng (121)

Data Objectification and Analysis of Production Morning Post Based on Regulatory Cloud
..... ZHANG Dingjun LU Haozhe XIE Jingdong LU Chixin (130)

Research on Image Data Mining of Transformer Inspection Based on Improved FAST R-CNN
..... HE Yue CHANG Yongjuan (133)

Application of Blockchain in GIS Industry OU Yangguang (137)

Innovation Management

Operational Risk Analysis of Air Traffic Control in Small and Medium Airports Based on SHEL Model
..... SONG Xiaofang (140)

Research on Digital Transformation of Material Management Supervision for Power Grid Enterprises
..... ZHU Liuhui ZHU Yishu (143)

Research on E-government Efficiency Improvement Strategy Based on WeChat Official Account
..... WANG Xuan (147)

Research on Volunteer Management of Public Libraries in China HUANG Xiukun (150)

The Current Situation and Countermeasures of Fire Safety Management in High-rise Buildings
..... JIANG Wenlong (153)

Analysis of Physical Examination Results of Freshmen in a University and Health Education Countermeasures
..... HUANG Xuanyang GAO Yongrong XIAO Huanquan (156)

Problems and Countermeasures in Construction Economic Management.....WANG Bingzhi (160)

Research on Measures to Strengthen Engineering Safety Supervision in Building Construction Management
.....LIU Huidong (163)

Analysis of Refined Management Methods for Power Engineering Construction
..... SUN Shuquan WANG Haoyu MA Xianglong (166)

Research on Library's Intelligent Borrowing Service in the 5G Era HE Xin (169)

Research on Urban Traffic Object Detection Based on YOLOv5 ZHANG Changlun ZHANG Cuiwen (172)

The Analysis of the Management and Control Optimization of Flue Gas Denitrification and Desulfurization
Engineering for Coal-Fired Power Plants YU Tengyang ZHANG Yan (175)

Exploration and Practice of Information Management in Blood Bank under the Internet Plus Background
..... HE Yaqin (178)

Simulation Analysis of Traffic Conflicts at Intersections ZHU Xinzheng (181)

Innovative Education

- An Acceleration Technique of the Forward-backward Splitting Algorithm with Different Inertial Terms for Non-convex Optimization LIU Haiyu (184)
- Research on the Strategy of Higher Vocational Talents Training Mode Based on 1 + X Certificate YU Yunpeng XU Geng (188)
- Feasibility Analysis of Flipped Classroom Teaching Mode Based on Ding Talk Platform in Cardiology Teaching Practice LI Qiang SHAO Haifeng PU Yanling LI Wenhua (192)
- Discussion on the Cultivation of Experimental Teaching System for Innovative Talents Based on Medical Device Engineering Municipal Demonstration Experimental Center SHI Gengqiang YIN Shuaishuai SUN Xuyang WANG Zhili (195)
- Discussion on the Reform of Design Based Analytical Chemistry Experiment Promoted by "Micro Class" WANG Pingping YU Lan ZHONG Yongke (198)
- Exploration on Network Teaching Method Reform of Intelligent Instrument during Epidemic Period PENG Chao (202)
- Research on College Physics Teaching Based on OBE Education Concept CHANG Xuefang (205)
- Research and Practice of Five in One Teaching Mode of "Learning, Researching, Training, Rating and Evaluation" LI Daxiao SONG Jinjin (208)
- Research on the Mixed Teaching Model of "Economic Game Theory" TONG Mingyu ZOU Yan (211)
- Exploration and Practice of College Students' Innovation and Entrepreneurship Practice Platform Construction DU Yuwei WU Liqun (214)
- Research on the Reform Path of Information Technology Courses under the Mixed Teaching Mode LIU Xiaogen (217)
- Research on Virtual Simulation Experiment System of Fire Escape and Emergency Evacuation HAO Fengtao ZENG Wenqi (220)
- Exploration of Teaching Mode Based on Information Technology in Electrics and Electronics Laboratory Teaching HU Qiuqi YANG Jing (223)
- Research on the Application of Flipped Classroom Teaching Model Based on MOOC in the Teaching of Urinary System Diseases YAN Xu (226)
- Teaching Reform Plan of Introduction of Electronic Material Course for Electronic Science and Technology Major ZHANG Junying HOU Zhiling SHAO Xiaohong FENG Zhifang LIN Chengyou (229)

Exploration and Practice of "Power Electronic Converter" Course in Vocational Education
..... ZUO Tingyou SU Rui LIU Yimin (233)

Lead by Research Subject Practice and Exploration of "Food Sensory"
..... LONG Men ZHU Shuangjie ZHAN Ge WEI Tao WU Yejin FAN Ruiqing FENG Xianmin (237)

Exploration and Innovative

Research on the Implementation Path of Specialty Innovation Integration Based on "Technology Research Center"
..... LI Wenbiao LI Shenyan GONG Fanghai (241)

Discussion on the Development Strategy of Shandong General Aviation in Tourism Industry
..... MIAO Fei (244)

Thoughts on Innovative Strategies of Traditional Media News Editors in the New Media Era
..... GAO Tianxiao (247)

Research on the Development of University Students' Employment Channels under Internet+ Background
..... ZHANG Yan (250)

On the Emergency Management Mechanism of Modern University Library
..... LIAO Min SUN Cuiyan JIA Miao (253)