

# 目次

## 学术论著

- 管道内瓦斯煤尘共混爆炸温度特性 ..... 陈晓坤,王二飞,王秋红 5)  
开敞空间可燃气云爆炸冲击波超压及灾害动力响应研究评述 ..... 李少鹏,陈国华,赵杰,张强,胡盛,董浩宇(11)  
感温自启动灭火管系统应用于密闭空间的试验研究 ..... 杨魏恺,丛晓民,赵林双(18)  
基于 Bezier 曲线的特殊螺纹密封面参数化设计 ..... 张颖,练章华(24)  
页岩气压裂弯管中液固两相流冲蚀磨损的数值模拟 ..... 成芳,易先中,彭灼,周元华,宋顺平,盛治新,殷光品(29)  
空间阻塞对室内燃气泄漏爆炸影响研究 ..... 韩永华,季学伟,陈涛,贺丁,吴爱枝,周轶,马克祥(36)  
水平井钻磨管柱油管组合方式研究及下入安全性分析 ..... 陈文康,冯定,杜宇成,孙巧雷(43)  
中国应急产业政策目标、工具、力度的三维分析——基于 2002 年以来政策文本的量化研究 ..... 王薇,余玲艳(50)  
多灾种概念辨析及灾害事故关系研究综述 ..... 汪嘉俊,翁文国(57)  
新体制下我国安全生产执法队伍改革问题探讨 ..... 李湖生(65)

## 职业安全卫生管理与技术

- 惰性粉体对蔗糖粉尘最小点火能的影响研究 ..... 覃小玲,李晓泉(72)  
低压环境对锂电池热失控释放温度影响 ..... 孙强,王海斌,谢松,贾井运,陈现涛(78)  
城市综合管廊燃气舱室输气管道泄漏扩散规律研究 ..... 邓小娇,姚安林,徐涛龙,蒋宏业(84)  
陆上原油长输管道泄漏爆炸事故情景构建研究 ..... 郭再富,盛勇,吴轩(90)  
基于紧凑拉伸试验的含缺陷燃气管疲劳寿命预测分析 ..... 吕彦伟,刘钦节,付强,袁宏永,付明(96)  
保温层下管道腐蚀监测系统及应用研究 ..... 熊亮,孙玉江(102)  
现阶段我国地震应急技术框架分析及评价 ..... 张炜超,郭安宁,孙昱,任浩(107)  
框架剪力墙结构抗震动力性能与抗侧向倒塌能力研究 ..... 马肖彤,包超,马艳,张立新,陆华(113)  
基于地震易损性的连续梁桥减隔震方案研究 ..... 周波,魏丽黎宋新龙(118)  
基于 CEEMDAN – SOBI 对桥梁监测挠度的分离研究 ..... 谭冬梅,陈方望周强,吴浩(123)  
深井动压影响下山煤巷围岩变形机理与控制研究 ..... 刘啸(130)  
露天矿山隐伏盲空区精确探测及爆破优化设计 ..... 王虎,张海清,刘勇锋,史先锋魏杰(137)  
含硬夹矸高瓦斯低透气性煤层多向聚能爆破技术研究 ..... 潘泱波,刘泽功(144)  
基于 CFD – DEM 的旋风除尘器内气固流动特性研究 ..... 李博涛,张宏图,位乐,魏建平,王云刚(151)  
基于模糊评价的 VDT 系统搜索策略绩效形成机理研究 ..... 罗俊浩,廖斌,王泰鑫,魏欣,段琼华(158)  
某大型机加车间数控机床减噪工程测试与分析研究 ..... 刘茜,史聪灵,伍彬彬,胥旋,石杰红,王莹(164)  
地铁事故应急疏散模拟及优化研究 ..... 王起全,李登尧,杨鑫刚(170)  
基于 ERRS 选址模型的地下应急物流系统建设研究 ..... 徐一昊,杨大为,吕伟,梁苗,李墨潇(179)  
国家运输支撑力下的陆上丝绸之路运输通道风险测算方法 ..... 吕敏,帅斌,张士行,左静(185)

## 书评

- 生命安全教育理念下的体育教学研究——评《体育与生命安全教育》 ..... 张燕(191)  
加强安全管理打造和谐中学校园——评《校园安全与危机处理》 ..... 王伟(192)  
高校不安全因素及其学生安全教育策略——评《新形势下的大学生安全教育》 ..... 韦宁照(194)  
电力企业物资安全风险控制——评《电力安全风险管理》 ..... 温富国,李金霞,沈键(195)  
大数据治理与安全技术理论及实践研究——评《大数据治理与安全:从理论到开源实践》 ..... 夏汛,陈玲(196)

## 信息与动态

- 全国安全生产执法工作座谈会在广州召开 ..... (56)  
京津冀三地签署救灾物资协同保障协议 ..... (77)  
《生产安全事故报告和调查处理条例》修订研讨会顺利召开 ..... (95)  
国务院安委办部署冬春火灾防控工作 ..... (178)  
北京市石油天然气管道保护外部检测及高后果区识别和风险评价项目顺利通过验收 ..... (184)

# CONTENTS

## Special Column

Explosion temperature characteristics of mixed gas and coal dust in pipeline .....	CHEN Xiaokun, WANG Erfei, WANG QiuHong(5)
Review of research on shock wave overpressure and disaster dynamic response of flammable vapor cloud explosion in unconfined space .....	LI Shaopeng, CHEN Guohua, ZHAO Jie, ZHANG Qiang, HU Sheng, DONG Haoyu(11)
Experimental study on application of temperature sensing self-starting fire extinguishing pipe system in confined space .....	YANG Weikai, CONG Xiaomin, ZHAO Linshuang(18)
Parametric design for sealing surface of pressure connection based on Bezier curve .....	ZHANG Ying, LIAN Zhanghua(24)
Numerical simulation on erosion wear in shale gas fracturing bend pipe with liquid-solid two-phase flow .....	CHENG Fang, YI Xianzhong, PENG Zhuo, ZHOU Yuanhua, SONG Shunping, SHENG Zhixin, YIN Guangpin(29)
Study on influence of space blocking on indoor gas leakage and explosion .....	HAN Yonghua, JI Xuewei, CHEN Tao, HE Ding, WU Aizhi, ZHOU Yi, MA Kexiang(36)
Study on tubing joined pattern of drill-grinding string in horizontal well and safety analysis of tripping .....	CHEN Wenkang, FENG Ding, DU Yucheng, SUN Qiaolei(43)
Three-dimensional analysis of China's emergency industry policy objectives, tools and strengths-quantitative research based on policy texts since 2002 .....	WANG Wei, YU Lingyan(50)
Discrimination on concept of multi-hazard and review of research on relationship between disasters and accidents .....	WANG Jiajun, WENG Wenguo(57)
Discussion on reform of work safety law enforcement teams under new system in China .....	LI Husheng(65)
<b>Occupational Safety and Health Management and Technology</b>	
Study on influence of inert dust on minimum ignition energy of sucrose dust .....	QIN Xiaoling, LI Xiaoquan(72)
Influence of low pressure environment on thermal runaway release temperature of lithium battery .....	SUN Qiang, WANG Haibin, XIE Song, JIA Jingyun, CHEN Xiantao(78)
Study on leakage and diffusion laws of gas pipeline in gas cabin of urban utility tunnel .....	DENG Xiaojiao, YAO Anlin, XU Taolong, JIANG Hongye(84)
Study on scenario design and response tasks for leakage and explosion accident of on-land crude oil long-distance pipelines .....	GUO Zaifu, SHENG Yong, WU Xuan(90)
Analysis on fatigue life prediction of gas pipeline containing defect based on compact tensile test .....	LYU Yanwei, LIU Qinjie, FU Qiang, YUAN Hongyong, FU Ming(96)
Research on monitoring system or corrosion of pipeline under insulation and its application .....	XIONG Liang, SUN Yujiang(102)
Analysis and evaluation of earthquake emergency technology framework at present stage in China .....	ZHANG Weichao, GUO Anning, SUN Yu, REN Hao(107)
Research on seismic dynamic performance and lateral collapse resistant capacity of frame shear wall structure .....	MA Xiaotong, BAO Chao, MA Yan, ZHANG Lixin, LU Hua(113)
Study on schemes of seismic mitigation and isolation for continuous beam bridge based on seismic vulnerability .....	ZHOU Bo, WEI Liyun, SONG Xinlong(118)
Study on separation of bridge monitoring deflection based on CEEMDAN - SOBI .....	TAN Dongmei, CHEN Fangwang, ZHOU Qiang, WU Hao(123)
Study on mechanism and control of surrounding rock deformation of dip coal roadway affected by dynamic pressure in deep well .....	LIU Xiao(130)
Accurate detection and blasting optimization design of concealed unknown underground goaf in open-pit mine .....	WANG Hu, ZHANG Haiqing, LIU Yongfeng, SHI Xianseng, WEI Jie(137)
Study on multi-direction shaped charge blasting technology for coal seam containing hard dirt band with high gas and low permeability .....	PAN Yangbo, LIU Zegong(144)
Study on gas-solid flow characteristics of cyclone dust collector based on CFD - DEM .....	LI Botao, ZHANG Hongtu, WEI Le, WEI Jianping, WANG Yungang(151)
Study on formation mechanism of VDT systematic search strategy performance based on fuzzy evaluation .....	LUO Junhao, LIAO Bin, WANG Taixin, WEI Xin, DUAN Qionghua(158)
Study on testing and analysis of noise reduction engineering for numerically-controlled machine tools in a large machining workshop .....	LIU Qian, SHI Congling, WU Binbin, XU Xuan, SHI Jiehong, WANG Ying(164)
Study on simulation and optimization of emergency evacuation in subway accident .....	WANG Qiquan, LI Dengyao, YANG Xingang(170)
Research on construction of underground emergency logistics system based on ERRS location model .....	XU Yimin, YANG Dawei, LYU Wei, LIANG Miao, LI Moxiao(179)
Risk measurement method for transport corridors of Land Silk Road considering country transportation supporting ability .....	LYU Min, SHUAI Bin, ZHANG Shihang, ZUO Jing(185)
万方数据	