

目 次

安全科学技术基础学科

基于信息融合的自然灾害等级评估方法研究.....	龚日朝	王爱平	刘玲	3		
我国沿海城市海底地质灾害易损性评价.....	陈东景	李培英	刘乐军	杜军	李萍	11
基于能力谱的建筑物震害评估及城市抗震规划.....	杨杰	刘茂	徐宁	18		

安全社会科学

基于心理契约的煤矿企业本质安全文化模式研究.....	尚闻红	李平	25
----------------------------	-----	----	----

安全人体学

驾驶员风险认知能力对交通安全的影响.....	范东凯	曹凯	30	
恐惧诉求对职业驾驶员安全驾驶态度和行为意向的影响.....	刁薇	胥遜山	李永娟	36
人车碰撞中行人大腿保护研究.....	葛如海	刘卫春	贾伟伟	42
飞行认知能力的测量方案设计及模型研究.....	孙瑞山	彭天池	47	

安全系统学

基于 GM(1,1)模型的军用车辆交通事故预测研究	宋传平	王鹏飞	李涛	52
我国工伤事故死亡率分析及其 ARIMA 预测			李榕	56
自然灾害风险评估指标体系及方法研究.....	顾峻	左哲	61	
基于两阶段模糊熵权的震灾抢修抢建价值评估模型.....	王凤山	黄育	刘猛	66
网络重要基础设施脆弱性评价模型及其应用.....	周军学	易立新	72	

安全工程技术科学

高能 - 钝感复合装药结构冲击波敏感度数值模拟.....	向梅	饶国宁	彭金华	78	
国内外游乐设施法规标准比较研究.....	沈勇	鄂立军	82		
矿井风流温度预测分析研究.....	马恒	尹彬	刘剑	91	
基于知识的工业项目安全设计研究.....	董大昊	左芬	冯凯梁	96	
机场终端区飞行流量的优化算法研究.....			张晓莉	102	
煤矿安全预评价的可变模糊识别方法.....	罗景峰	许开立	107		
煤炭能源安全测度指标体系与综合评价.....	郭金栋	王恩元	112		
基于 LS - SVM 的供水管网安全性评价方法研究	王志涛	苏经宇	王威	邢涛	119
航空装备研制风险的综合赋权 - 双基点法评估.....	汪送	王瑛	战仁军	袁博	124
铁路危险货物运输风险度量模型.....			程婕	130	
爆破冲击荷载下隧道振动特性与安全性评价研究.....	王祥秋	周岳峰	周治国	134	

公共安全

“特色交通标志”设计及其信息量度量方法研究	左淑霞	席建锋	肖殿良	田建	李飞燕	139	
网络视域下突发事件对旅游目的地形象的影响过程研究.....	王晶晶	陈金华	郑向敏	145			
基于风险分析的公共场所人员安全容量确定方法.....	胡成	姚晓晖	李伟	陈晋	152		
公路桥梁施工总体安全风险评估方法研究.....	娄峰	何勇	刘恒权	何光	殷治宁	卞国炎	159
物联网感知安全应用的研究与展望.....	朱顺兵	魏秋萍	杜春泉	164			
城市道路交通应急警力配置模型研究.....	朱茵	江越	171				

安全科技信息

《学报》论文入选中国百篇最具影响国内学术论文	24
《中国安全科学学报》CSTPCD 指标检索公告	101
《学报》第四次被评为“中国科技核心期刊”	111
《学报》内容上网启事	158

Basic Disciplines of Safety Science and Technology

Research on Assessment Method for Natural Disasters Loss Grade Based on Information Fusion	GONG Ri-zhao	WANG Ai-ping	LIU Ling	3		
Evaluation on Submarine Geological Hazard Vulnerability of Coastal Cities in China	CHEN Dong-jing	LI Pei-ying	LIU Le-jun	DU Jun	LI Ping	11
Application of Capacity Spectrum in Building Damage State Assessment and Urban Earthquake Disaster Mitigation Planning	YANG Jie	LIU Mao	XU Ning	18		

Safety Social Science

Research on Pattern of Essential Safety Culture in Coal Mine Enterprise Based on Psychological Contract	SHANG Chuang-hong	LI Ping	25
---	-------------------	---------	----

Safety Livelihood Science

Influence of Drivers' Risk Perception Ability on Traffic Safety	FAN Dong-kai	CAO Kai	30	
Effect of Fear Appeal on Professional Drivers' Attitude & Intention to Safe Driving Behaviors	DIAO Wei	XU Yao-shan	LI Yong-juan	36
Research of Upper Leg Protection in Car-pedestrian Collision	GE Ru-hai	LIU Wei-chun	JIA Wei-wei	42
Design of Flight Cognitive Ability Measurement Scheme and Its Model	SUN Rui-shan	PENG Tian-chi	47	

Safety Systematology

Forecast of Military Vehicle Traffic Accidents Based on GM (1, 1) Model	SONG Chuan-ping	WANG Peng-fei	LI Tao	52
Analysis and ARIMA Forecasting of Industrial Accident Death Rates in China	LI Rong	56		
Research on Natural Disaster Risk Assessment Index System and Method	YAN Jun	ZUO Zhe	61	
Value Assessment Model for Emergency Repair and Construction of Earthquake-damaged Project Based on Two-stage Fuzzy Entropy Method	WANG Feng-shan	HUANG Yu	LIU Meng	66
Vulnerability Assessment Model for Network Critical Infrastructure & Its Application	ZHOU Jun-xue	YI Li-xin	72	

Safety Science of Engineering and Technology

Numerical Simulation on Shockwave Sensitivity of HE/IE Composite Charge Structure	JIANG Mei	RAO Guo-ning	PENG Jin-hua	78	
Comparative Study on the Standards and Regulations for Amusement Devices between Home and Abroad	SHEN Yong	E Li-jun	82		
Research on Prediction of Airflow Temperature in Mine	MA Heng	YIN Bin	LIU Jian	91	
Study on Knowledge-based Safety Design for Industrial Projects	DONG Da-min	ZUO Fen	FENG Kai-liang	96	
Optimized Method for Flight Arrangement in Terminal Airspace	ZHANG Xiao-li	102			
Variable Fuzzy Recognition Method for Safety Pre-evaluation of Coal Mine	LUO Jing-feng	XU Kai-li	107		
Measurement Indicator System & Comprehensive Appraisal for Coal Energy Security in China	GUO Jin-dong	WANG En-yuan	112		
Study on Safety Evaluation Method for Water Distribution Networks Based on LS-SVM	WANG Zhi-tao	SU Jing-yu	WANG Wei	XING Tao	119

Risk Assessment of Aviation Equipment Development Based on Combination Weighting and Double Base Points Method	WANG Song	WANG Ying	ZHAN Ren-jun	YUAN Bo	124
Risk Assessment Model for Hazardous Goods Transport by Railway	CHENG Jie	130			
Study on Vibration Property of Tunnel under Blasting Load and Its Safety Assessment	WANG Xiang-qiu	ZHOU Yue-feng	ZHOU Zhi-guo	134	

Public Safety

Design of "Feature Traffic Sign" and Its Information Measurement	ZUO Shu-xia	XI Jian-feng	XIAO Dian-liang	TIAN Jian	LI Fei-yan	139	
Study on Impacting Process of Emergency on Tourism Destination Image Based on Network Perspective	WANG Jing-jing	CHEN Jin-hua	ZHENG Xiang-min	145			
A Risk-oriented Method to Calculate Occupant Safety Capacity of Public Venues	HU Cheng	YAO Xiao-hui	LI Wei	CHEN Jin	152		
Study on Risk Evaluation Method for Overall Safety of Highway Bridge Construction	LOU Feng	HE Yong	LIU Heng-quan	HE Guang	YIN Zhi-ning	BIAN Guo-yan	159
Study and Prospect on the Application of Internet of Things in Perceiving Safety	ZHU Shun-bing	WEI Qiu-ping	DU Chun-quan	164			
Study on Disposing Model of Policeman for Urban Road Traffic Emergencies	ZHU Yin	JIANG Yue	171				