



投稿及征订

低碳生活 绿色出行

— 助力2022北京冬奥会 —

ISSN 1673-6478
9 771673 647229

万方数据

2022

目 录

交通碳排放

- 我国交通运输业绿色低碳发展对策..... 温丽雅 张丽娟 金思甜 姚诗汝 董文杰 (01)
台州市信号灯交叉口碳排放测算及优化策略..... 李苗苗 吕 欢 (05)

车辆工程

- 汽车空调对可吸入颗粒物的过滤机理和效果分析..... 孙少杰 朱布博 (09)
车用聚丙烯气味改善技术专利分析综述..... 赵 福 任明辉 郭秋彦 马 秋 (15)
基于虚拟现实的危险品道路运输事故应急处置推演技术研究..... 刘宇航 (20)

港航工程

- 岙山作业区 VLCC 应急临时锚位选址考虑因素和建议 李子强 施传鸿 汪益兵 谢广伟 (24)
重庆市内河航运危化品应急处置技术研究..... 毛育文 姜玉泉 张 玉 钟 韶 (27)
粤港澳大湾区船舶污染风险分析及防治对策研究..... 刘 晨 陈荣昌 (32)

运输规划与管理

- 公路交通应急装备物资储备管理技术发展综述..... 秦 箫 (36)
城市绿色发展历程及趋势分析..... 闫广聪 陈冰轮 韩永启 (42)
上海市城市机动车停车场(库)环保设计优化研究..... 丁蔚文 何校初 张逸飞 (49)
共享单车停放需求影响因素分析和预测研究..... 杜开瑞 贺 蓉 (54)
城市慢行系统规划方法研究——以厦门市同安新城及环东海域东部新城为例..... 王永清 (59)
基于神经网络的无信号路口人车交通行为预测分析..... 王 璐 陈 昶 徐冬冬 (65)

道路工程

- 一般工业固废在公路行业应用及政策与标准现状..... 程劲钊 杜素军 (69)
建筑垃圾再生砖混材料在路基中的应用研究..... 杜腾飞 马风杰 冀丽娟 郭亮亮 牛会酉 (73)
沥青路面预防性养护后评价体系研究..... 王志超 (76)
炉渣沥青混合料配合比设计及其性能研究..... 杨 川 李前林 林实辉 (80)
高等级沥青公路路面水损害及防治措施分析..... 张苗苗 王思长 张 建 (84)
新疆钢渣成渣工艺及集料化分析研究..... 陈 伟 俞海明 李 倩 (88)
河西地区盐渍土路基综合处治技术体系与施工质量控制研究..... 后乐田 左 强 赵飞龙 蔡乾东 (93)
基于回归模型的排水沥青路面排水强度分析..... 徐宇峰 金 林 (99)
基于可拓云模型的绿色生态型市政道路综合评价方法应用研究..... 何 佳 朱晓东 张兴宇 郭丽萍 (102)
基于 Logistic 回归的驾驶人让行决策行为建模分析 丁伟民 (108)
模拟退火算法求解的道路网络分配方法..... 许修权 廉 冠 张曼婷 (113)
PPP 模式下高速公路项目施工期环境保护与水土保持管理探讨..... 曹 方 李廷山 王志科 (118)
山区高速公路深挖路堑边坡处置技术分析..... 杨 帅 袁 鑫 李士兵 王美莲 王诗超 (123)
高速公路服务区生活污水特征及其处理工艺研究进展..... 田文瑞 (127)
红外快速检测技术在国道 242 项目中的应用研究..... 张 勇 王振华 赵 蔚 (132)
绿色高速公路运营期在线监测技术体系研究——环境、气象、能耗监测... 王华城 朱新春 王子扶 刘 强 刘海生 (139)
浙江杭绍台高速公路特长隧道通风与排烟系统设计与实践..... 谢文红 叶 盛 李 成 郑国平 (145)
济南黄河隧道超大直径盾构端头冻结加固技术..... 王 超 (151)

轨道交通

- 城市轨道交通工程施工噪声污染管控技术研究..... 陈 浩 赵文文 王大鹏 (156)
智慧城市隧道功能需求及实施方案探讨..... 杨正波 魏海洋 (162)

[期刊基本参数] CN10-1261/U * 1986 * b * A4 * 160 * zh * P * ¥26.00 * 3000 * 32 * 2022-02

CONTENTS

Countermeasures for the Green and Low-carbon Development of China's Transportation Industry	WEN Liya ZHANG Lijuan JIN Sitian YAO Shiru DONG Wenjie(01)
Carbon Emission Calculation and Optimization Strategy at Signal Intersections in Taizhou	LI Miaoqiao LV Huan(05)
Analysis on Filtration Mechanism and Effects of Automotive Air Conditioning on Inhalable Particulate Matter	SUN Shaojie ZHU Bubo(09)
Review on Patent Analysis of Odor Improvement Technology for Polypropylene	ZHAO Fu REN Minghui GUO Qiuyan MA Qiu(15)
Virtual Reality-based Emergency Response Rehearsal Technology for Dangerous Goods Road Transportation Accidents	LIU Yuhang(20)
Considerations and Suggestions for Site Selection of VLCC Emergency Temporary Anchorage in Aoshan Operation Area	LI Ziqiang SHI Chuanhong WANG Yibing XIE Guangwei(24)
Research on Emergency Disposal Technology of Hazardous Chemicals for Inland River Shipping in Chongqing	MAO Yuwen JIANG Yuquan ZHANG Yu ZHONG Wei(27)
Research on Risk Analysis and Countermeasures of Ship Pollution in Guangdong-Hong Kong-Macao Greater Bay Area	LIU Chen CHEN Rongchang(32)
A Summary of the Development of Highway Traffic Emergency Equipment and Supplies Reserve Management Technology	QIN Xiao(36)
Review of the Development Process and Frontier about Green Transportation Theory	YAN Guangcong CHEN Binglun HAN Yongqi(42)
Study on Optimization of Environmental Design of Shanghai Motor Vehicle Parking Lots (garages)	DING Shiwen HE Xiaochu ZHANG Yifei(49)
Analysis of Influencing Factors and Prediction for the Parking Demand of Bike Sharing	DU Kairui HE Rong(54)
Research on Planning Method of Urban Slow-moving System--Taking Tong'an and East New Town of Huandong Sea Area in Xiamen as An Example	WANG Yongqing(59)
Prediction and Analysis of Human and Vehicle Traffic Behavior at Signalless Intersection Based on Neural Network	WANG Lu CHEN Yang XU Dongdong(65)
The Application of General Industrial Solid Waste in the Highway Industry and the Status Quo of Policies and Standards	CHENG Jinzhao DU Sujun(69)
Research on Application of Clay Bricks and Concrete Recycled Materials in Roadbed	DU Tengfei MA Fengjie JI Lijuan GUO Liangliang NIU Huiyou(73)
The Post-evaluation System Study of Asphalt Pavement Preventive Maintenance	WANG Zhichao(76)
Study on Mix Proportion Design and Performance of Slag Asphalt Mixture	YANG Chuan LI Qianlin LIN Shihui(80)
Analysis of Water Damage and Prevention Measures for High-grade Asphalt Road Pavement ...	ZHANG Miaomiao WANG Sichang ZHANG Jian(84)
Study on Steel Slag Forming Process and Aggregate Analysis in Xinjiang	CHEN Wei YU Haiming LI Qian(88)
Study on Comprehensive Treatment Technology System and Construction Quality Control of Saline Soil Subgrade in Hexi Area	HOU Letian ZUO Qiang ZHAO Feilong CAI Qiandong(93)
Analysis of Drainage Intensity of Drainage Asphalt Pavement Based on Regression Model	XU Yufeng JIN Lin(99)
Research on Comprehensive Evaluation Method of Green Ecological Road Based on Extension Cloud Model	HE Jia ZHU Xiaodong ZHANG Xingyu GUO Liping(102)
Modeling Analysis of Driver Yield Decision Behavior Based on Logistic Regression	DING Weimin(108)
Road Network Allocation Method Based on Simulated Annealing Algorithm	XU Xiuquan LIAN Guan ZHANG Manting(113)
Discussion on Environmental Protection and Soil and Water Conservation Management of Expressway Project during Construction under PPP Mode	CAO Fang LI Tingshan WANG Zhike(118)
Analysis on Treatment Technology of Deep Cut Slope in Mountain Expressway	YANG Shuai YUAN Xin LI Shibin WANG Meilian WANG Shichao(123)
Research Progress on Characteristics and Treatment Technology of Domestic Sewage in Expressway Service Area.....	TIAN Wenrui(127)
Application of Infrared Rapid Detection Technology in National Highway 242 Project.....	ZHANG Yong WANG Zhenhua ZHAO Wei(132)
Research on Online Monitoring Technology System of Green Expressway During Operation Period—Environmental, Meteorological and Energy Consumption Monitoring	WANG Huacheng ZHU Xinchun WANG Zifu LIU Qiang LIU Haisheng(139)
Design Practice of Ventilation and Smoke Exhaust System for Super Long Tunnel of Hangzhou-Shaoxing-Taizhou Expressway in Zhejiang Province	XIE Wenhong YE Sheng LI Cheng ZHENG Guoping(145)
Freezing Reinforcement Technology of Super Large Diameter Shield in Jinan Yellow River Tunnel.....	WANG Chao(151)
Research on Managing Construction Noise on Metro Tunnel Project.....	CHEN Hao ZHAO Wenwen WANG Dapeng(156)
Discussion on Functional Requirements and Implementation Scheme of Smart Municipal Tunnel	YANG Zhengbo WEI Haiyang(162)